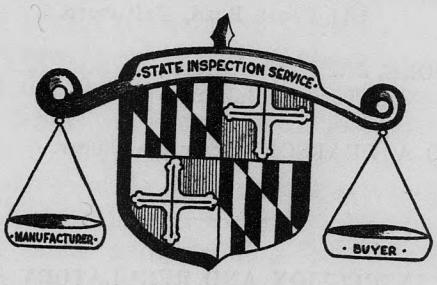
144-162

Control Series—Published Quarterly August Issue, 1932—No. 144

Commercial Fertilizers, Commercial Feeds

AND

Agricultural Liming Materials



STATE INSPECTION SERVICE
Controlled by
UNIVERSITY OF MARYLAND
College Park, Md.

Entered at College Park (Md.) Post-office as Second-Class Matter

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FEEDS, FERTILIZERS AND LIMES

This publication contains the results of the analyses and examinations of 800 official samples of feed, 704 official samples of fertilizer and 77 official samples of agricultural liming materials found on sale in Maryland during the first half of the year 1932. These samples have been taken according to the provisions of the State Law authorizing the State Inspection Service to do such work. In addition to the chemical examination of the above mentioned commodities, 269 additional determinations were made gratuitously on samples forwarded by residents of the State. The results obtained on correspondents' samples are not published as this Organization can assume no responsibility for the manner in which they were drawn, or the accuracy of the data with which they were accompanied.

The tables in which the feed and lime analyses are reported are in the same form in which this work has been published for the past several years and need no explanation. There has been a change in the reporting of fertilizer examinations to the extent of showing what part of the total nitrogen found was derived from mineral and organic sources. A careful study of these tables will show, for the most part, that the results obtained by the Inspection Service correspond closely with the guarantees made by the manufacturers. Purchasers of agricultural commodities will be materially benefited by studying these tables and confining their purchases to companies having a good record of inspection.

In obtaining official samples of feed, fertilizer and lime, extreme caution is exercised to have the samples properly represent the goods in question. Opened packages are never sampled. Each sample is taken from at least twenty different packages, if there are that many in the lot being examined. The methods of analysis used by the Inspection Service are the standard methods of analyses of the Association of Official Agricultural Chemists.

The primary purpose of the State Inspection Service, in its enforcement of the Feed, Fertilizer and Lime Acts, is not the

multiplication of legal actions through prosecution, but the protection of the public and, incidentally, of the honorable manufacturer, by preventing the sale of adulterated and misbranded commodities. If a universal adjustment in the practices of all manufacturers could be brought about without the institution of legal actions, so that one hundred per cent of all feed, fertilizer and lime marketed in Maryland was free from adulteration and was truthfully branded, the purpose of the Laws would have been achieved and no one would be more gratified over the employment of an administrative technique designed to accomplish this than the State Inspection Service itself. Minor violations can, as a rule, be corrected by notification. Hundreds of such infringements are thus quickly and efficiently corrected at a small cost and more effectively than by legal action. Cooperative work with manufacturers to insure legitimate products being sold constitutes a large portion of the work of any control organization. It is our desire to interfere no more with legitimate business than is consistent with the enforcement of the Feed, Fertilizer and Lime Laws of Maryland.

FERTILIZER ANALYSES

A detailed report of the results obtained in the inspection and analysis of fertilizers from January 1, 1932, to July 1, 1932, is contained in pages 6 to 28 inclusive.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Acme Guano Company, Baltimore, Md.												
Potato and Truck Guano	Baltimore	4.00	**4.21**	3.20	**3.36**	.80	**.85**	**.30**	8.00	**8.40**	5.00	**6.60**
Allied Mills, Inc., Baltimore, Md.												
Superphosphate	Cumberland	....	....	....	....	....	....	**.10**	16.00	**18.40**	....	....
American Agricultural Chem. Co., New York,	**N. Y.**											
A. A. Superphosphate 16%	Baltimore	....	....	....	....	....	....	**.80**	16.00	**17.10**	....	....
A. A. Superphosphate 16%	Salisbury	....	....	....	....	....	....	**.90**	16.00	**17.30**	....	....
A. A. Superphosphate 16%	Baltimore	....	....	....	....	....	....	**.80**	16.00	**17.00**	....	....
A. A. Basic Lime Phosphate 13%	Baltimore	....	....	....	....	....	....	**1.80**	13.00	**13.40**	....	....
A. A. Acme Fertilizer	Baltimore	1.00	**1.00**	.75	**.77**	.25	**.23**	**.40**	9.00	**10.10**	4.00	**4.20**
A. A. Acme Fertilizer	Baltimore	1.00	**1.00**	.75	**.81**	.25	**.19**	**.80**	9.00	**9.40**	4.00	**4.18**
Agrico for Corn	Baltimore	3.00	**3.14**	2.70	**2.71**	.30	**.43**	**.20**	12.00	**13.40**	6.00	**5.90**
Agrico for Corn	Baltimore	3.00	**3.17**	2.70	**2.80**	.30	**.37**	**.30**	12.00	**12.90**	6.00	**6.40**
Agrico for Grain	Baltimore	2.00	**2.06**	1.80	**1.78**	.20	**.28**	**1.00**	12.00	**13.20**	4.00	**4.30**
Agrico for Grain	Annapolis	2.00	**2.29**	1.80	**2.04**	.20	**.25**	**.30**	12.00	**12.40**	4.00	**4.36**
Agrico for Pastures and Top Dressing	Baltimore	7.00	**6.88**	6.30	**6.24**	.70	**.64**	**.30**	6.00	**6.10**	6.00	**6.00**
Agrico for Potatoes	Baltimore	4.00	**4.00**	3.60	**3.68**	.40	**.32**	**.20**	8.00	**8.70**	7.00	**7.40**
Agrico for Potatoes	Salisbury	4.00	**4.00**	3.60	**3.82**	.40	**.18**	**.30**	8.00	**9.00**	7.00	**7.32**
Agrico for Potatoes	Annapolis	4.00	**4.35**	3.60	**3.97**	.40	**.44**	**.20**	8.00	**8.60**	7.00	**7.36**
Agrico for Potatoes	Boring	4.00	**4.00**	3.60	**3.60**	.40	**.40**	**.30**	8.00	**8.60**	7.00	**7.20**
Agrico for Potatoes	Baltimore	4.00	**4.00**	3.60	**3.72**	.40	**.28**	**.20**	8.00	**9.20**	7.00	**7.00**
Agrico for Potatoes	Baltimore	4.00	**4.28**	3.60	**3.89**	.40	**.39**	**.30**	8.00	**8.70**	7.00	**7.10**
Agrico for Tobacco	Up'r Marlboro	5.00	**5.17**	4.50	**4.46**	.50	**.71**	**.50**	8.00	**8.90**	10.00	**10.00**
Agrico for Tobacco	Baltimore	5.00	**5.07**	4.50	**4.49**	.50	**.58**	**.20**	8.00	**9.20**	10.00	**10.16**
Agrico for Tobacco	Baltimore	5.00	**5.04**	4.50	**4.75**	.50	**.29**	**.40**	8.00	**8.60**	10.00	**10.12**
Agrico for Tomatoes	Baltimore	3.00	**2.95**	2.70	**2.84**	.30	**.11**	**.20**	12.00	**12.90**	6.00	**6.40**
Agrico for Tomatoes	Annapolis	3.00	**3.24**	2.70	**2.82**	.30	**.45**	**.30**	12.00	**12.70**	6.00	**6.30**
Agrico for Truck	Baltimore	5.00	**5.17**	4.50	**4.59**	.50	**.58**	**.20**	10.00	**11.20**	5.00	**5.00**
Agrico for Truck	Salisbury	5.00	**5.22**	4.50	**4.76**	.50	**.46**	**.30**	10.00	**10.20**	5.00	**5.28**
Agrico for Truck	Annapolis	5.00	**5.08**	4.50	**4.49**	.50	**.59**	**.10**	10.00	**10.90**	5.00	**5.10**
Agrico for Truck	Baltimore	5.00	**5.13**	4.50	**4.70**	.50	**.43**	**.20**	10.00	**10.80**	5.00	**5.20**
A. A. Early Trucker Fertilizer	Baltimore	4.00	**4.21**	3.60	**3.64**	.40	**.61**	**.20**	8.00	**8.90**	5.00	**5.20**
A. A. Early Trucker Fertilizer	Salisbury	4.00	**4.02**	3.60	**3.71**	.40	**.32**	**.20**	8.00	**9.00**	5.00	**5.20**
A. A. Early Trucker Fertilizer	Baltimore	4.00	**4.10**	3.60	**3.64**	.40	**.46**	**.30**	8.00	**8.80**	5.00	**5.10**
A. A. Early Trucker Fertilizer	Baltimore	4.00	**4.16**	3.60	**3.62**	.40	**.54**	**.20**	8.00	**8.90**	5.00	**5.20**

Agrico for Truck	Salisbury	5.00	5.22	4.50	4.76	.50	.46	.30	10.00	10.20	5.00	5.28
Agrico for Truck	Annapolis	5.00	5.08	4.50	4.49	.50	.59	.10	10.00	10.90	5.00	5.10
Agrico for Truck	Baltimore	5.00	5.13	4.50	4.70	.50	.43	.20	10.00	10.80	5.00	5.20
A. A. Early Trucker Fertilizer	Baltimore	4.00	4.21	3.60	3.64	.40	.61	.20	8.00	8.90	5.00	5.20
A. A. Early Trucker Fertilizer	Salisbury	4.00	4.02	3.60	3.71	.40	.32	.20	8.00	9.00	5.00	5.20
A. A. Early Trucker Fertilizer	Baltimore	4.00	4.10	3.60	3.64	.40	.46	.30	8.00	8.80	5.00	5.10
A. A. Early Trucker Fertilizer	Up'r Marlboro.	4.00	4.16	3.60	3.62	.40	.54	.30	8.00	9.00	5.00	5.14
A. A. Early Trucker Fertilizer	Baltimore	4.00	4.00	3.60	3.80	.40	.20	.30	8.00	8.20	5.00	5.20
Fine Ground Bone	Baltimore	4.00	4.04	3.60	3.82	.40	.22	.30	8.00	8.20	5.00	5.22
Fine Ground Bone	Up'r Marlboro.	2.47	2.92	....	....	....	....	....	*23.00	*24.70	....	....
Fine Ground Bone	Baltimore	2.47	2.64	....	....	....	....	....	*23.00	*27.20	....	....
A. A. Gladiator Fertilizer	Baltimore	2.47	2.74	....	....	....	....	....	*23.00	*26.00	....	....
A. A. Golden Leaf Tobacco Fertilizer	Baltimore	4.00	4.00	3.60	3.64	.40	.36	.80	8.00	9.00	7.00	7.36
A. A. Golden Leaf Tobacco Fertilizer	Up'r Marlboro.	4.00	4.00	3.60	3.66	.40	.34	.30	8.00	8.70	7.00	7.00
A. A. Golden Leaf Tobacco Fertilizer	Baltimore	4.00	4.10	3.60	3.61	.40	.49	.50	8.00	8.50	7.00	7.10
A. A. Golden Leaf Tobacco Fertilizer	Baltimore	4.00	4.04	3.60	3.72	.40	.32	.20	8.00	8.60	7.00	7.22
A. A. Kangaroo Komplete Kompound	Baltimore	4.00	4.11	3.60	3.82	.40	.29	.20	8.00	9.30	7.00	7.08
McComas Brothers High Grade	Bel Air	2.00	2.19	1.70	1.80	.30	.39	.30	9.00	9.90	3.00	3.24
Nitrate of Soda	Baltimore	2.00	1.87	1.70	1.66	.30	.16	.70	8.00	8.50	5.00	5.10
A. A. Old Hickory Fertilizer	Baltimore	15.50	16.06	....	....	....	....	....	....	....	....	....
A. A. Old Hickory Fertilizer	Salisbury	2.00	2.02	1.70	1.64	.30	.36	.70	8.00	8.90	10.00	10.24
A. A. Old Hickory Fertilizer	Up'r Marlboro.	2.00	2.11	1.70	1.71	.30	.40	.90	8.00	8.20	10.00	10.32
A. A. Old Hickory Fertilizer	Up'r Marlboro.	2.00	2.19	1.70	1.85	.30	.34	.90	8.00	8.60	10.00	10.40
A. A. Old Hickory Fertilizer	Baltimore	2.00	2.06	1.70	1.80	.30	.26	.30	8.00	8.90	10.00	10.30
A. A. Prince George Tobacco Fertilizer	Baltimore	2.00	2.14	1.70	1.80	.30	.34	.80	8.00	8.10	10.00	10.40
A. A. Prince George Tobacco Fertilizer	Baltimore	4.00	4.04	3.60	3.65	.40	.39	.30	8.00	8.80	12.00	12.40
A. A. Prince George Tobacco Fertilizer	Baltimore	4.00	4.09	3.60	3.73	.40	.36	.30	8.00	8.80	12.00	12.80
A. A. Prince George Tobacco Fertilizer	Baltimore	4.00	4.02	3.60	3.66	.40	.36	.30	8.00	8.80	12.00	12.24
Pulverized Sheep and Goat Manure	Baltimore	4.00	4.00	3.60	3.72	.40	.28	.40	8.00	9.10	12.00	12.30
Pure Raw Bone	Up'r Marlboro.	1.25	1.45	....	....	....	....	....	*1.00	*1.20	2.00	3.00
A. A. Red Dog Fertilizer	Baltimore	3.70	3.73	....	....	....	....	....	*20.00	*18.90	....	....
A. A. Red Dog Fertilizer	Baltimore	2.00	2.19	1.70	1.90	.30	.29	.20	8.00	9.10	5.00	5.16
A. A. Red Dog Fertilizer	Salisbury	2.00	2.04	1.70	1.77	.30	.27	.90	8.00	8.70	5.00	5.20
A. A. Red Dog Fertilizer	Baltimore	2.00	1.98	1.70	1.68	.30	.30	1.00	8.00	8.30	5.00	5.16
A. A. Red Dog Fertilizer	Baltimore	2.00	2.05	1.70	1.67	.30	.38	.80	8.00	8.40	5.00	5.30
A. A. Red Leaf Tobacco Fertilizer	Baltimore	2.00	2.11	1.70	1.61	.30	.50	.20	8.00	8.60	5.00	5.36
A. A. Red Leaf Tobacco Fertilizer	Baltimore	4.00	4.00	3.60	3.61	.40	.39	.20	8.00	8.80	10.00	10.36
A. A. Silk Leaf Tobacco Fertilizer	Baltimore	4.00	4.21	3.60	3.58	.40	.63	.10	8.00	9.50	10.00	10.00
A. A. Silk Leaf Tobacco Fertilizer	Baltimore	2.00	2.11	1.70	1.68	.30	.43	.80	8.00	8.80	10.00	10.40
A. A. Silk Leaf Tobacco Fertilizer	Baltimore	2.00	2.18	1.70	1.63	.30	.55	.50	8.00	9.20	10.00	10.76
A. A. Sweepstakes Tobacco Fertilizer	Up'r Marlboro.	2.00	2.42	1.70	1.70	.30	.72	.70	8.00	8.80	10.00	10.40
A. A. Sweepstakes Tobacco Fertilizer	Baltimore	3.00	3.02	2.70	2.68	.30	.34	1.00	8.00	8.80	3.00	3.24
A. A. Tobacco Bed Fertilizer	Up'r Marlboro.	3.00	3.06	2.70	2.85	.30	.21	.30	8.00	8.70	3.00	3.20
A. A. Tobacco Bed Fertilizer	Baltimore	6.00	6.08	5.40	5.31	.60	.77	.20	6.00	6.50	8.00	8.32
		6.00	6.08	5.40	5.29	.60	.81	.20	6.00	6.60	8.00	8.24

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
American Agricultural Chem. Co., New York, N. Y. (Cont.)												
A. A. Victory Mixture	Baltimore	....	....	....	....	....	....	**1.20**	12.00	**12.90**	5.00	**5.32**
Detrick's Gold Basis Fertilizer	Salisbury	6.00	**6.01**	5.40	**4.97**	.60	**1.04**	**.40**	6.00	**6.90**	5.00	**5.32**
Detrick's Gold Basis Fertilizer	Up'r Marlboro	6.00	**6.28**	5.40	**4.75**	.60	**1.55**	**.40**	6.00	**6.90**	5.00	**5.06**
Detrick's Gold Basis Fertilizer	Up'r Marlboro	6.00	**5.98**	5.40	**5.50**	.60	**.48**	**.20**	6.00	**6.80**	5.00	**5.20**
Detrick's Gold Basis Fertilizer	Baltimore	6.00	**6.32**	5.40	**5.32**	.60	**1.00**	**.20**	6.00	**6.50**	5.00	**5.00**
Listers Superphosphate 16%	Baltimore	....	....	....	....	....	....	**.50**	16.00	**18.10**	....	....
Listers G. Brand Fertilizer	Baltimore	1.00	**1.24**	.75	**.77**	.25	**.47**	**.70**	9.00	**9.70**	4.00	**4.28**
Listers G. Brand Fertilizer	Boring	1.00	**1.01**	.75	**.84**	.25	**.17**	**.70**	9.00	**9.10**	4.00	**4.06**
Listers Harvest Queen Fertilizer	Baltimore	2.00	**1.91**	1.70	**1.63**	.30	**.28**	**.80**	8.00	**8.50**	5.00	**5.18**
Listers Harvest Queen Fertilizer	Boring	2.00	**2.08**	1.70	**1.76**	.30	**.32**	**.80**	8.00	**8.40**	5.00	**5.04**
Patapsco Big Chief Fertilizer	Baltimore	2.00	**2.05**	1.70	**1.71**	.30	**.34**	**.80**	8.00	**8.60**	5.00	**5.04**
Slingluff's Plant Bed Fertilizer	Annapolis	10.00	**10.39**	9.50	**9.45**	.50	**.90**	**.20**	5.00	**5.80**	2.00	**2.20**
Slingluff's Plant Bed Fertilizer	Waldorf	10.00	**9.78**	9.50	**8.97**	.50	**.75**	**.20**	5.00	**6.00**	2.00	**2.10**
Slingluff's Plant Bed Fertilizer	Up'r Marlboro	10.00	**9.88**	9.50	**9.36**	.50	**.50**	**.20**	5.00	**5.90**	2.00	**2.00**
Slingluff's Plant Bed Fertilizer	Baltimore	10.00	**10.00**	9.50	**9.30**	.50	**.70**	**.20**	5.00	**5.80**	2.00	**2.30**
Slingluff's Plant Bed Fertilizer	Baltimore	10.00	**9.87**	9.50	**9.20**	.50	**.63**	**.30**	5.00	**5.20**	2.00	**2.10**
Slingluff's Plant Bed Fertilizer	Baltimore	10.00	**10.03**	9.50	**9.37**	.50	**.66**	**.20**	5.00	**5.60**	2.00	**2.12**
Slingluff's Plant Bed Fertilizer	Baltimore	10.00	**10.07**	9.50	**9.54**	.50	**.53**	**.20**	5.00	**5.50**	2.00	**2.10**
Slingluff's Plant Bed Fertilizer	Baltimore	10.00	**10.29**	9.50	**9.50**	.50	**.76**	**.10**	5.00	**5.40**	2.00	**2.12**
Slingluff's Plant Bed Fertilizer	Baltimore	10.00	**10.01**	9.50	**9.54**	.50	**.47**	**.20**	5.00	**5.50**	2.00	**2.16**
Slingluff's Plant Bed Fertilizer	Baltimore	10.00	**10.05**	9.50	**9.56**	.50	**.49**	**.20**	5.00	**5.20**	2.00	**2.16**
Slingluff's Plant Bed Fertilizer	Baltimore	10.00	**10.06**	9.50	**9.44**	.50	**.62**	**.10**	5.00	**6.00**	2.00	**2.36**
American Soda Products Co., Moorestown, N. J.												
Grogreen Plant Tablets	Baltimore	3.00	**4.83**	1.80	**2.99**	1.20	**1.89**	**.50**	8.00	**8.90**	3.00	**3.00**
Grogreen Fern Food	Baltimore	3.00	**4.98**	1.80	**3.29**	1.20	**1.69**	**.30**	8.00	**10.70**	3.00	**3.32**
Armour Fertilizer Works, Baltimore, Md.												
Big Crop Superphosphate 20%	Baltimore	....	....	....	....	....	....	**.20**	20.00	**20.80**	....	....
Big Crop Superphosphate 16%	Baltimore	....	....	....	....	....	....	**.10**	16.00	**17.40**	....	....
Big Crop 8-5-2 Fertilizer	Baltimore	8.00	**8.15**	7.20	**5.99**	.80	**2.16**	**.10**	5.00	**5.20**	2.00	**2.34**
Big Crop 8-5-2 Fertilizer	Baltimore	8.00	**7.92**	7.20	**6.84**	.80	**1.08**	**.10**	5.00	**5.50**	2.00	**2.32**
Big Crop 8-5-2 Fertilizer	Baltimore	8.00	**7.86**	7.20	**6.28**	.80	**1.53**	**.10**	5.00	**5.70**	2.00	**2.38**
Big Crop 4-16-4 Fertilizer	Baltimore	4.00	**4.14**	4.00	**3.37**	0.00	**.77**	**.20**	16.00	**17.10**	4.00	**4.34**
Big Crop 4-16-10 Fertilizer	Baltimore	4.00	**4.09**	4.00	**3.29**	0.00	**.78**	**.20**	16.00	**16.80**	10.00	**10.00**

Big Crop Superphosphate 16%	Baltimore	....	....	....	....	....	....	.10	16.00	17.40	....	....
Big Crop 8-5-2 Fertilizer	Baltimore	8.00	8.15	7.20	5.99	.80	2.16	.10	5.00	5.20	2.00	2.34
Big Crop 8-5-2 Fertilizer	Baltimore	8.00	7.92	7.20	6.84	.80	1.08	.10	5.00	5.50	2.00	2.32
Big Crop 8-5-2 Fertilizer	Baltimore	8.00	7.86	7.20	6.28	.80	1.53	.10	5.00	5.70	2.00	2.38
Big Crop 4-16-4 Fertilizer	Baltimore	4.00	4.14	4.00	3.37	0.00	.77	.20	16.00	17.10	4.00	4.34
Big Crop 4-16-10 Fertilizer	Baltimore	4.00	4.09	4.00	3.29	0.00	.78	.20	16.00	16.80	10.00	10.00
Big Crop 4-8-7 Fertilizer	Baltimore	4.00	3.72	3.00	2.58	1.00	1.14	.50	8.00	8.30	7.00	7.26
Big Crop 4-8-7 Fertilizer	Elkton	4.00	3.86	3.00	2.91	1.00	.95	.30	8.00	8.40	7.00	7.06
Big Crop 4-8-5 Fertilizer	Preston	4.00	4.14	2.40	2.22	1.60	1.92	.30	8.00	8.50	5.00	5.30
Big Crop 4-8-5 Fertilizer	Baltimore	4.00	3.65	2.40	2.27	1.60	1.38	.20	8.00	8.80	5.00	5.24
Big Crop 4-8-5 Fertilizer	Ridgely	4.00	3.99	2.40	2.13	1.60	1.86	.30	8.00	8.00	5.00	5.36
Big Crop 4-8-5 Fertilizer	Princess Anne	4.00	3.89	2.40	2.25	1.60	1.60	.30	8.00	8.00	5.00	5.36
Kainit 14%	Salisbury	4.00	4.21	2.40	2.05	1.60	2.16	.30	8.00	7.80	5.00	5.10
Sheep and Goat Manure	Elkton	....	....	....	....	....	....	....	....	....	14.00	15.36
Sheep and Goat Manure	Baltimore	1.25	1.60	....	....	....	....	....	*1.00	*1.70	2.00	4.00
Special Turf Fertilizer	Baltimore	1.25	1.71	....	....	....	....	....	*1.00	*2.00	2.00	4.20
Big Crop 6-12-7 Fertilizer	Elkton	10.00	9.59	10.00	9.20	0.00	.39	.10	8.00	8.70	6.00	6.00
Big Crop 6-12-7 Fertilizer	Baltimore	6.00	6.04	6.00	5.60	0.00	.44	.10	12.00	12.90	7.00	7.24
Big Crop 6-12-7 Fertilizer	Elkton	6.00	5.87	6.00	5.58	0.00	.30	.20	12.00	12.30	7.00	7.10
Big Crop 6-6-5 Fertilizer	Baltimore	6.00	5.92	6.00	5.54	0.00	.37	.10	12.00	12.80	7.00	7.10
Big Crop 6-6-5 Fertilizer	Salisbury	6.00	6.07	3.60	3.76	2.40	2.31	.30	6.00	6.80	5.00	5.00
Big Crop 6-6-5 Fertilizer	Baltimore	6.00	5.67	3.60	3.08	2.40	2.59	.20	6.00	7.30	5.00	5.34
Big Crop 6-6-5 Fertilizer	Princess Anne	6.00	6.14	3.60	3.65	2.40	2.49	.20	6.00	6.30	5.00	5.18
Big Crop 6-6-5 Fertilizer	Salisbury	6.00	5.76	3.60	3.49	2.40	2.27	.20	6.00	6.40	5.00	5.30
Big Crop 3-12-6 Fertilizer	Baltimore	3.00	3.09	2.25	2.13	.75	.96	.30	12.00	12.60	6.00	6.10
Big Crop 3-8-10 Fertilizer	Baltimore	3.00	3.02	2.25	2.06	.75	.96	.10	8.00	8.70	10.00	10.24
Big Crop 2-16-8 Fertilizer	Baltimore	2.00	2.05	2.00	1.60	0.00	.45	.20	16.00	16.50	8.00	8.32
Big Crop 2-16-8 Fertilizer	Elkton	2.00	2.03	2.00	1.55	0.00	.48	.30	16.00	16.80	8.00	8.36
Big Crop 2-12-4 Fertilizer	Baltimore	2.00	1.94	1.50	1.32	.50	.62	.40	12.00	12.30	4.00	4.32
Big Crop 2-8-10 Fertilizer	Baltimore	2.00	1.99	1.50	1.12	.50	.87	.30	8.00	8.60	10.00	10.20
Big Crop 2-8-5 Fertilizer	Baltimore	2.00	2.01	1.50	1.45	.50	.56	.40	8.00	8.70	5.00	5.10
Big Crop 2-8-5 Fertilizer	Elkton	2.00	2.04	1.50	1.36	.50	.68	.30	8.00	8.70	5.00	5.24
Big Crop 2-8-5 Fertilizer	Salisbury	2.00	2.06	1.50	1.29	.50	.77	.50	8.00	8.20	5.00	5.18
Big Crop 0-12-5 Fertilizer	Baltimore	....	....	....	....	....	....	.10	12.00	12.60	5.00	5.10
Big Crop 0-10-10 Fertilizer	Preston	....	....	....	....	....	....	.20	10.00	10.30	10.00	10.10
Associated Chemical Co., Baltimore, Md.												
Fine Bone Meal	Baltimore	2.47	2.71	....	....	....	....	....	*23.00	*25.10	....	....
Kainit 14%	Owings Mills	....	....	....	....	....	....	....	....	....	14.00	12.00
Nitrate of Soda	Baltimore	15.00	16.16	....	....	....	....	....	....	....	....	....
Pure Raw Bone	Laurel	3.70	3.88	....	....	....	....	....	*20.00	*20.10	....	....
Sheep and/or Goat Manure	Baltimore	1.25	1.38	....	....	....	....	....	*1.00	*1.00	2.00	3.10
"Soilvim"	Hagerstown	5.00	5.08	4.25	4.76	.75	.32	.30	10.00	10.00	5.00	5.10

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Baltimore Fertilizer Co., Baltimore, Md.												
Honest 1-9-4	Glyndon	1.00	**1.07**	.50	**.64**	.50	**.43**	**.30**	9.00	**9.30**	4.00	**4.84**
Honest Tobacco Bed Mixture	La Plata	8.00	**8.06**	7.20	**6.91**	.80	**1.15**	**.20**	5.00	**6.30**	2.00	**2.36**
Honest Tobacco Bed Mixture	Baltimore	8.00	**8.02**	7.20	**6.70**	.80	**1.32**	**.20**	5.00	**5.50**	2.00	**2.34**
Honest Tobacco Bed Mixture	Baltimore	8.00	**8.46**	7.20	**7.19**	.80	**1.29**	**.20**	5.00	**5.40**	2.00	**2.10**
Honest Tobacco Bed Mixture	Baltimore	8.00	**8.05**	7.20	**6.80**	.80	**1.25**	**.20**	5.00	**5.30**	2.00	**2.40**
Honest 3-8-5	Glyndon	3.00	**3.03**	2.25	**2.42**	.75	**.61**	**.10**	8.00	**8.50**	5.00	**5.30**
Honest 3-8-5	Baltimore	3.00	**3.41**	2.25	**2.60**	.75	**.85**	**.60**	8.00	**8.60**	5.00	**5.10**
Honest Trucker 5-7-5	La Plata	5.00	**5.25**	4.50	**4.35**	.50	**.90**	**.40**	7.00	**7.80**	5.00	**5.00**
Honest 2-8-10	Bel Air	2.00	**2.16**	1.20	**1.41**	.80	**.75**	**.30**	8.00	**9.20**	10.00	**10.00**
†Honest 2-8-10	Glyndon	2.00	**2.01**	1.20	**1.76**	.80	**.25**	**.20**	8.00	**8.90**	10.00	**10.20**
Honest 2-8-5	Bel Air	2.00	**2.41**	1.20	**1.52**	.80	**.88**	**.40**	8.00	**8.90**	5.00	**5.40**
†Honest 2-8-5	Glyndon	2.00	**2.02**	1.20	**1.54**	.80	**.48**	**.20**	8.00	**8.80**	5.00	**5.38**
Barrett Company, New York, N. Y.												
Nitrate of Soda	Baltimore	16.00	**16.18**	....	....	....	....	....	....	....	....	....
Nitrate of Soda	Baltimore	16.00	**16.58**	....	....	....	....	....	....	....	....	....
Nitrate of Soda	Baltimore	16.00	**16.24**	....	....	....	....	....	....	....	....	....
Nitrate of Soda	Baltimore	16.00	**16.49**	....	....	....	....	....	....	....	....	....
Baugh and Sons Company, Baltimore, Md.												
Baughphos The Ideal Superphosphate 16%	Baltimore	....	....	....	....	....	....	**.10**	16.00	**17.00**	....	....
Baughphos The Ideal Superphosphate 16%	Baltimore	....	....	....	....	....	....	**.10**	16.00	**17.20**	....	....
Baughphos The Ideal Superphosphate 16%	Providence	....	....	....	....	....	....	**.20**	16.00	**17.10**	....	....
Advanced Growers Special	Laurel	5.00	**4.98**	4.00	**3.72**	1.00	**1.26**	**.60**	8.00	**8.20**	7.00	**7.40**
Commercial Crop Compound	Baltimore	2.00	**2.11**	1.40	**1.50**	.60	**.61**	**.90**	8.00	**8.30**	10.00	**10.36**
Commercial Crop Compound	Providence	2.00	**2.13**	1.40	**1.52**	.60	**.61**	**.90**	8.00	**8.40**	10.00	**10.40**
Commercial Crop Compound	Rising Sun	2.00	**2.11**	1.40	**1.61**	.60	**.50**	**.90**	8.00	**8.30**	10.00	**10.40**
Complete Animal Base Fertilizer	Baltimore	2.00	**2.16**	1.40	**1.54**	.60	**.62**	**.60**	8.00	**8.30**	5.00	**5.40**
Complete Animal Base Fertilizer	Baltimore	2.00	**2.02**	1.40	**1.41**	.60	**.61**	**.50**	8.00	**8.60**	5.00	**5.34**
Complete Animal Base Fertilizer	Preston	2.00	**2.33**	1.40	**1.60**	.60	**.75**	**.50**	8.00	**8.40**	5.00	**5.40**
Complete Animal Base Fertilizer	Salisbury	2.00	**2.20**	1.40	**1.57**	.60	**.63**	**.60**	8.00	**8.20**	5.00	**5.00**
Complete Animal Base Fertilizer	Rising Sun	2.00	**2.13**	1.40	**1.52**	.60	**.61**	**.60**	8.00	**8.20**	5.00	**5.40**
Complete Animal Base Fertilizer	Baltimore	2.00	**2.08**	1.40	**1.54**	.60	**.54**	**.60**	8.00	**8.70**	5.00	**5.16**
Complete Animal Base Fertilizer	Boonsboro	2.00	**2.22**	1.40	**1.57**	.60	**.65**	**1.10**	8.00	**8.10**	5.00	**5.40**
Complete Animal Base Fertilizer	Manchester	2.00	**2.11**	1.40	**1.54**	.60	**.57**	**.60**	8.00	**8.40**	5.00	**5.20**
Complete Animal Base Fertilizer	Detour	2.00	**2.02**	1.40	**1.44**	.60	**.56**	**.60**	8.00	**8.10**	5.00	**5.20**

Complete Animal Base Fertilizer	Preston	2.00	2.33	1.40	1.60	.60	.75	.50	8.00	8.40	5.00	5.40
Complete Animal Base Fertilizer	Salisbury	2.00	2.20	1.40	1.57	.60	.63	.60	8.00	8.20	5.00	5.00
Complete Animal Base Fertilizer	Rising Sun	2.00	2.13	1.40	1.52	.60	.61	.60	8.00	8.20	5.00	5.40
Complete Animal Base Fertilizer	Baltimore	2.00	2.08	1.40	1.54	.60	.54	.60	8.00	8.70	5.00	5.16
Complete Animal Base Fertilizer	Boonsboro	2.00	2.22	1.40	1.57	.60	.65	1.10	8.00	8.10	5.00	5.40
Complete Animal Base Fertilizer	Manchester	2.00	2.11	1.40	1.54	.60	.57	.60	8.00	8.40	5.00	5.20
Complete Animal Base Fertilizer	Detour	2.00	2.02	1.40	1.44	.60	.56	.60	8.00	8.10	5.00	5.24
Domestic Sheep Manure	Boonsboro	2.00	2.54	....	....	....	....	....	*1.00	*.60	1.00	1.34
Domestic Sheep Manure	Baltimore	2.00	2.00	....	....	....	....	....	*1.00	*1.00	1.00	2.40
Double Eagle Phosphate	Baltimore	2.00	2.16	1.40	1.52	.60	.64	1.10	12.00	12.10	4.00	4.34
Double Eagle Phosphate	Grantsville	2.00	2.05	1.40	1.43	.60	.62	.70	12.00	12.40	4.00	4.30
Double Eagle Phosphate	Cardiff	2.00	2.16	1.40	1.47	.60	.69	.80	12.00	12.30	4.00	4.40
Excelsior Mixture	Baltimore	1.00	1.12	.60	.67	.40	.45	.40	9.00	9.70	4.00	4.32
Excelsior Mixture	Providence	1.00	1.26	.60	.72	.40	.53	1.00	9.00	9.60	4.00	4.38
Excelsior Mixture	Maugansville	1.00	1.47	.60	1.01	.40	.49	.70	9.00	10.40	4.00	4.20
4-8-10 for Tobacco	Baltimore	4.00	3.99	3.00	3.25	1.00	.74	1.30	8.00	8.20	10.00	10.24
4-8-5 for Tobacco	Baltimore	4.00	3.83	3.00	2.94	1.00	.89	.60	8.00	9.30	5.00	5.76
Genuine Imported Kainit	Baltimore	....	....	....	....	....	....	....	....	....	14.00	15.20
Ground Dried Blood	Baltimore	13.16	13.68	....	....	....	....	....	....	....	....	....
Half Century Perfection Brand	Baltimore	4.00	4.25	3.20	3.38	.80	.88	.30	8.00	8.70	7.00	7.32
Half Century Perfection Brand	Salisbury	4.00	4.24	3.20	3.41	.80	.83	.60	8.00	8.50	7.00	7.36
Half Century Perfection Brand	Rising Sun	4.00	4.10	3.20	3.34	.80	.76	.50	8.00	8.50	7.00	7.28
Half Century Perfection Brand	Forest Hill	4.00	4.49	3.20	3.47	.80	1.03	.50	8.00	8.50	7.00	7.34
Half Century Perfection Brand	Maugansville	4.00	4.11	3.20	3.37	.80	.74	.70	8.00	8.30	7.00	7.36
Half Century Perfection Brand	Boonsboro	4.00	4.26	3.20	3.47	.80	.78	.70	8.00	8.40	7.00	7.10
Half Century Perfection Brand	Faulkner	4.00	4.10	3.20	3.36	.80	.74	.60	8.00	8.60	7.00	7.36
High Grade Potato Grower	Salisbury	6.00	5.56	4.20	4.04	1.80	1.52	.40	6.00	6.50	5.00	5.04
High Grade Potato Grower	Preston	6.00	6.04	4.20	3.90	1.80	2.14	.50	6.00	6.10	5.00	5.22
High Grade Potato Grower	Salisbury	6.00	6.26	4.20	4.61	1.80	1.65	.40	6.00	6.00	5.00	5.16
New Process 8%	Clements	8.00	8.12	6.80	6.88	1.20	1.24	.40	5.00	5.40	2.00	2.40
New Process 8%	Hughesville	8.00	8.02	6.80	6.72	1.20	1.30	.40	5.00	5.70	2.00	2.40
New Process 8%	Baltimore	8.00	8.05	6.80	6.72	1.20	1.31	.40	5.00	5.40	2.00	2.24
New Process 8%	Baltimore	8.00	8.08	6.80	6.65	1.20	1.43	.40	5.00	5.70	2.00	2.20
New Process 8%	Baltimore	8.00	8.18	6.80	6.74	1.20	1.44	.30	5.00	5.60	2.00	2.34
New Process 8%	Baltimore	8.00	8.00	6.80	6.80	1.20	1.20	.30	5.00	5.90	2.00	2.36
New Process 8%	Baltimore	8.00	7.99	6.80	6.80	1.20	1.19	.20	5.00	5.80	2.00	2.28
New Process 8%	Baltimore	8.00	8.11	6.80	6.84	1.20	1.20	.20	5.00	6.20	2.00	2.30
Nitrate of Soda	Baltimore	8.00	7.94	6.80	6.74	1.20	1.20	.20	5.00	6.40	2.00	2.30
Nitrate of Soda	Baltimore	15.50	16.58	....	....	....	....	....	....	....	....	....
Peruvian Guano Substitute	Salisbury	15.50	16.14	....	....	....	....	....	....	....	....	....
Peruvian Guano Substitute	Baltimore	4.00	4.01	3.20	3.26	.80	.74	.60	8.00	8.50	5.00	5.12
Peruvian Guano Substitute	Preston	4.00	4.00	3.20	3.20	.80	.80	.40	8.00	8.40	5.00	5.20
Peruvian Guano Substitute	Salisbury	4.00	4.10	3.20	3.00	.80	1.10	.90	8.00	8.50	5.00	5.22
Peruvian Guano Substitute	Baltimore	4.00	4.14	3.20	3.00	.80	1.14	.80	8.00	8.60	5.00	5.10
		4.00	4.07	3.20	2.89	.80	1.18	.90	8.00	8.40	5.00	5.24

† Mineral and Organic findings do not substantiate manufacturers declaration.

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Baugh and Sons Co., Baltimore, Md. (Cont.)												
Phosphate and Potash	Baltimore	....	....	....	....	....	....	**.60**	12.00	**12.60**	5.00	**5.28**
Phosphate and Potash	Detour	....	....	....	....	....	....	**.60**	12.00	**12.10**	5.00	**5.32**
Plant Bed Fertilizer	Faulkner	6.00	**6.16**	5.10	**5.02**	.90	**1.14**	**.50**	6.00	**6.70**	8.00	**8.30**
Plant Bed Fertilizer	Hughesville	6.00	**6.04**	5.10	**4.58**	.90	**1.46**	**.50**	6.00	**6.40**	8.00	**8.00**
Plant Bed Fertilizer	Baltimore	6.00	**6.29**	5.10	**5.02**	.90	**1.27**	**.50**	6.00	**6.60**	8.00	**8.10**
Plant Bed Fertilizer	Baltimore	6.00	**6.28**	5.10	**4.85**	.90	**1.44**	**.50**	6.00	**6.70**	8.00	**8.10**
Plant Bed Fertilizer	Baltimore	6.00	**6.08**	5.10	**4.50**	.90	**1.58**	**.40**	6.00	**6.90**	8.00	**8.30**
Plant Bed Fertilizer	Baltimore	6.00	**6.05**	5.10	**4.80**	.90	**1.25**	**.30**	6.00	**6.90**	8.00	**8.08**
Pure Steamed Bone Meal	Baltimore	2.47	**2.46**	....	....	....	....	....	*23.00	***29.20**	....	....
Pure Steamed Bone Meal	Baltimore	2.47	**2.67**	....	....	....	....	....	*23.00	***26.90**	....	....
Raw Bone Meal	Baltimore	3.70	**4.35**	....	....	....	....	....	*21.50	***22.20**	....	....
Raw Bone Meal	Silver Spring	3.70	**4.00**	....	....	....	....	....	*21.50	***22.20**	....	....
Raw Bone Meal	Baltimore	3.70	**4.28**	....	....	....	....	....	*21.50	***24.40**	....	....
Raw Bone Meal	Baltimore	3.70	**3.90**	....	....	....	....	....	*21.50	***23.40**	....	....
Special Golf Course Compound	Salisbury	6.00	**5.63**	4.20	**3.69**	1.80	**1.94**	**.30**	6.00	**7.50**	5.00	**5.18**
Special Potato Manure	Providence	2.00	**2.08**	1.40	**1.47**	.60	**.61**	**.80**	8.00	**8.50**	5.00	**5.22**
Special Potato Manure	Cardiff	2.00	**2.11**	1.40	**1.66**	.60	**.45**	**.60**	8.00	**8.20**	5.00	**5.36**
Sulphate of Ammonia	Baltimore	20.57	**20.64**	....	....	....	....	....	....	....	....	....
Sulphate of Potash	Baltimore	....	....	....	....	....	....	....	....	....	48.00	**48.20**
Belt Seed Co., Inc., Baltimore, Md.												
Lawnspur	Baltimore	5.00	**5.29**	2.50	**2.17**	2.50	**3.12**	**.30**	10.00	**10.80**	5.00	**5.18**
Bolgiano Seed Co., Baltimore, Md.												
Blood Meal	Baltimore	13.16	**14.07**	....	....	....	....	....	....	....	....	....
Bone Meal	Baltimore	2.47	**3.93**	....	....	....	....	....	*22.00	***23.20**	....	....
Herbert Bryant's Son, Alexandria, Va.												
Acid Phosphate H. G.	Silver Spring	....	....	....	....	....	....	**.60**	16.00	**17.10**	....	....
†Belle Haven Ammoniated	Silver Spring	2.00	**2.05**	.80	**1.12**	1.20	**.93**	**.70**	8.00	**8.60**	5.00	**5.40**
Colonial Fertilizer	Silver Spring	4.00	**4.45**	2.40	**3.06**	1.60	**1.39**	**1.70**	10.00	**12.10**	5.00	**5.84**
Corn King	Dickerson	1.00	**1.24**	.25	**.75**	.71	**.60**	**.60**	10.00	**10.50**	2.00	**2.24**
Excelsior Ammoniated	Silver Spring	5.00	**4.76**	3.75	**3.26**	1.25	**1.50**	**.60**	8.00	**7.70**	5.00	**5.40**
High Grade Truck and Potato	Gaithersburg	3.00	**3.07**	1.80	**1.92**	1.20	**1.15**	**.30**	8.00	**8.60**	5.00	**5.24**
High Grade Truck and Potato	Hyattsville	3.00	**3.16**	1.80	**1.95**	1.20	**1.21**	**.40**	8.00	**8.40**	5.00	**5.30**
Pure Animal Bone Meal	Gaithersburg	3.70	**3.95**	....	....	....	....	....	*21.50	***21.50**	....	....
Sulphate of Ammonia												

†Belle Haven Ammoniated	Silver Spring	2.00	**2.05**	.80	**1.12**	1.20	**.93**	**.70**	8.00	**8.60**	5.00	**5.40**
Colonial Fertilizer	Silver Spring	4.00	**4.45**	2.40	**3.06**	1.60	**1.39**	**1.70**	10.00	**12.10**	5.00	**5.84**
Corn King	Dickerson	1.00	**1.24**	.25	**.75**	.71	**.60**	**.60**	10.00	**10.50**	2.00	**2.24**
Excelsior Ammoniated	Silver Spring	5.00	**4.76**	3.75	**3.26**	1.25	**1.50**	**.60**	8.00	**7.70**	5.00	**5.40**
High Grade Truck and Potato	Gaithersburg	3.00	**3.07**	1.80	**1.92**	1.20	**1.15**	**.30**	8.00	**8.60**	5.00	**5.24**
High Grade Truck and Potato	Hyattsville	3.00	**3.16**	1.80	**1.95**	1.20	**1.21**	**.40**	8.00	**8.40**	5.00	**5.30**
Pure Animal Bone Meal	Gaithersburg	3.70	**3.95**	....	....	....	....	....	*21.50	***21.50**	....	....
Sulphate of Ammonia	Silver Spring	20.56	**20.62**	....	....	....	....	....	....	....	....	....
Central Chemical Co., Inc., Hagerstown, Md.												
"Gro-All" Dissolved Phosphate	Hancock	....	....	....	....	....	....	**.80**	16.00	**16.50**	....	....
"Gro-All" Dissolved Phosphate	Frederick	....	....	....	....	....	....	**.60**	16.00	**16.90**	....	....
"Gro-All" Dissolved Phosphate	Reid	....	....	....	....	....	....	**.80**	16.00	**16.40**	....	....
"Gro-All" Carbo Lime Phosphate	Hancock	....	....	....	....	....	....	**.80**	14.00	**16.50**	....	....
†"Gro-All" Crown Jewel	Frederick	1.00	**1.19**	.25	**.74**	.75	**.45**	**.40**	9.00	**9.40**	4.00	**4.08**
"Gro-All" Potato Special	Maugansville	4.00	**4.03**	3.20	**3.29**	.80	**.74**	**.20**	8.00	**8.60**	7.00	**7.10**
†"Gro-All" Super-Fish Brand	Frederick	2.00	**2.04**	.20	**.70**	1.80	**1.34**	**.50**	12.00	**12.60**	6.00	**6.38**
"Gro-All" Truck and Potato Special	Baltimore	5.00	**4.75**	4.50	**3.62**	.50	**1.12**	**.20**	8.00	**9.40**	5.00	**5.30**
"Gro-All" Trucker High Grade	Baltimore	4.00	**4.02**	3.20	**3.20**	.80	**.82**	**.60**	8.00	**9.10**	4.00	**4.64**
Chewsville Cooperative Asso., Chewsville, Md.												
Superphosphate	Chewsville	....	....	....	....	....	....	**.30**	16.00	**19.70**	....	....
Crop Grower	Chewsville	4.00	**4.10**	3.00	**3.02**	1.00	**1.08**	**.70**	12.00	**12.70**	8.00	**8.00**
Golden Harvest	Chewsville	2.00	**2.20**	1.00	**1.39**	1.00	**.81**	**.50**	10.00	**11.30**	5.00	**5.30**
Perfection	Chewsville	4.00	**4.14**	3.00	**2.81**	1.00	**1.33**	**.40**	8.00	**8.30**	7.00	**7.36**
Phosphate and Potash	Chewsville	....	....	....	....	....	....	**.50**	12.00	**13.70**	5.00	**5.24**
Chilean Nitrate Sales Corp., New York, N. Y.												
Champion Brand Nitrate of Soda	Hagerstown	16.00	**16.02**	....	....	....	....	....	....	....	....	....
Champion Brand Nitrate of Soda	Baltimore	16.00	**16.62**	....	....	....	....	....	....	....	....	....
Standard Chilean Nitrate of Soda	Baltimore	15.25	**15.90**	....	....	....	....	....	....	....	....	....
Dairies By-Products Co., Norfolk, Va.												
Mo-Co-Nu	Baltimore	1.50	**1.88**	....	....	....	....	....	*1.00	***1.30**	1.25	**2.16**
Devilbiss Brothers, New Windsor, Md.												
Superphosphate	New Windsor	....	....	....	....	....	....	**.30**	16.00	**19.70**	....	....
Butcher House	New Windsor	1.00	**1.29**	.70	**.87**	.30	**.42**	**.40**	10.00	**11.70**	5.00	**6.20**
2-8-5	New Windsor	2.00	**2.16**	1.50	**1.65**	.50	**.54**	**.30**	8.00	**9.50**	5.00	**6.64**
Wheat Grower	New Windsor	1.00	**1.31**	.70	**.83**	.30	**.48**	**.50**	9.00	**10.40**	4.00	**5.10**
Dorchester Fertilizer Co., Cambridge, Md.												
Dorco Diamond	Cambridge	2.00	**2.11**	1.50	**1.63**	.50	**.48**	**.30**	9.00	**9.50**	7.00	**7.10**
Dorco Diamond	Cambridge	2.00	**2.39**	1.50	**1.59**	.50	**.82**	**.50**	9.00	**9.00**	7.00	**8.00**
Dorco Gem	Cambridge	1.00	**1.18**	.75	**.84**	.25	**.34**	**.50**	10.00	**10.80**	6.00	**6.40**

† Mineral and Organic findings do not substantiate manufacturers declaration.

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Dorchester Fert. Co., Cambridge, Md. (Cont.)												
†Dorco Imperial	Cambridge	6.00	**5.84**	4.50	**5.08**	1.50	**.76**	**.30**	7.00	**8.20**	5.00	**5.06**
†Dorco Imperial	Cambridge	6.00	**6.18**	4.50	**5.48**	1.50	**.70**	**.30**	7.00	**7.90**	5.00	**5.00**
†Dorco Jewel	Cambridge	5.00	**5.00**	3.75	**4.90**	1.25	**.10**	**.20**	8.00	**9.10**	12.00	**12.20**
†Dorco Jewel	Cambridge	5.00	**5.12**	3.75	**4.77**	1.25	**.35**	**.20**	8.00	**8.50**	12.00	**12.40**
†Dorco Regal	Cambridge	4.00	**4.00**	3.00	**3.86**	1.00	**.14**	**.20**	7.00	**8.10**	7.00	**7.08**
†Dorco Regal	Cambridge	4.00	**4.11**	3.00	**3.76**	1.00	**.35**	**.30**	7.00	**7.70**	7.00	**7.24**
†Dorco Royal	Cambridge	3.00	**3.06**	2.25	**2.86**	.75	**.20**	**.20**	8.00	**8.80**	10.00	**10.32**
†Dorco Royal	Cambridge	3.00	**2.99**	2.25	**2.75**	.75	**.24**	**.30**	8.00	**8.10**	10.00	**10.40**
Choice	Cambridge	2.00	**2.05**	1.70	**1.73**	.30	**.32**	**.30**	8.00	**8.90**	6.00	**6.34**
Choice	Cambridge	2.00	**2.13**	1.70	**1.85**	.30	**.28**	**.60**	8.00	**8.00**	6.00	**6.64**
Favorite	Cambridge	2.00	**2.58**	1.80	**2.19**	.20	**.42**	**.20**	8.00	**8.20**	10.00	**10.40**
Favorite	Cambridge	2.00	**2.04**	1.80	**1.83**	.20	**.21**	**.40**	8.00	**8.30**	10.00	**10.32**
Merit	Cambridge	....	....	....	....	....	....	**.80**	9.00	**9.00**	6.00	**6.40**
Merit	Cambridge	....	....	....	....	....	....	**.70**	9.00	**9.40**	6.00	**6.24**
Ontop	Cambridge	8.00	**8.21**	8.00	**7.99**	0.00	**.22**	**.10**	5.00	**5.10**	3.00	**3.60**
Producer	Cambridge	2.00	**2.11**	1.70	**1.94**	.30	**.17**	**.50**	10.00	**11.30**	3.00	**3.10**
Producer	Cambridge	2.00	**2.09**	1.70	**1.91**	.30	**.18**	**.40**	10.00	**10.50**	3.00	**3.56**
Standard	Cambridge	....	....	....	....	....	....	**.40**	11.00	**11.70**	8.00	**8.32**
Standard	Cambridge	....	....	....	....	....	....	**.50**	11.00	**11.20**	8.00	**8.40**
Trucker	Cambridge	4.00	**4.00**	3.60	**3.61**	.40	**.39**	**.20**	8.00	**8.60**	5.00	**5.10**
Trucker	Cambridge	4.00	**4.00**	3.60	**3.34**	.40	**.66**	**.10**	8.00	**8.50**	5.00	**5.16**
Edelen Brothers, Baltimore, Md.												
High Grade Tobacco	Baltimore	4.00	**3.95**	3.20	**3.03**	.80	**.92**	**.10**	8.00	**9.30**	12.00	**12.20**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**9.99**	8.25	**8.90**	1.75	**1.03**	**.20**	5.00	**5.60**	2.00	**2.18**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**9.65**	8.25	**8.28**	1.75	**1.37**	**.20**	5.00	**6.20**	2.00	**2.38**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**9.61**	8.25	**8.14**	1.75	**1.47**	**.10**	5.00	**5.40**	2.00	**2.30**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**9.55**	8.25	**8.18**	1.75	**1.33**	**.30**	5.00	**5.40**	2.00	**2.20**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.03**	8.25	**8.84**	1.75	**1.23**	**.20**	5.00	**4.90**	2.00	**2.38**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.14**	8.25	**8.64**	1.75	**1.50**	**.30**	5.00	**5.10**	2.00	**2.28**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.22**	8.25	**8.64**	1.75	**1.58**	**.20**	5.00	**5.20**	2.00	**2.28**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.30**	8.25	**9.04**	1.75	**1.26**	**.30**	5.00	**5.20**	2.00	**2.24**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.13**	8.25	**8.74**	1.75	**1.39**	**.20**	5.00	**4.50**	2.00	**2.40**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.10**	8.25	**8.53**	1.75	**1.57**	**.10**	5.00	**4.70**	2.00	**2.10**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**9.85**	8.25	**8.08**	1.75	**1.76**	**.20**	5.00	**4.70**	2.00	**2.30**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.15**	8.25	**8.90**	1.75	**1.25**	**.20**	5.00	**4.40**	2.00	**2.40**

10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.14**	8.25	**8.64**	1.75	**1.50**	.30	5.00	**5.10**	2.00	**2.28**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.22**	8.25	**8.64**	1.75	**1.58**	.20	5.00	**5.20**	2.00	**2.28**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.30**	8.25	**9.04**	1.75	**1.26**	.30	5.00	**5.20**	2.00	**2.24**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.13**	8.25	**8.74**	1.75	**1.39**	.20	5.00	**4.50**	2.00	**2.40**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.10**	8.25	**8.53**	1.75	**1.57**	.10	5.00	**4.70**	2.00	**2.10**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**9.85**	8.25	**8.08**	1.75	**1.76**	.20	5.00	**4.70**	2.00	**2.30**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.15**	8.25	**8.90**	1.75	**1.25**	.20	5.00	**4.40**	2.00	**2.10**
10% Tobacco Bed Special with 2% Potath	Baltimore	10.00	**9.73**	8.25	**8.34**	1.75	**1.40**	.20	5.00	**4.70**	2.00	**2.30**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.06**	8.25	**8.40**	1.75	**1.66**	.10	5.00	**4.50**	2.00	**2.30**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.11**	8.25	**8.64**	1.75	**1.50**	.10	5.00	**4.50**	2.00	**2.36**
Wheat and Grain Mixture	Baltimore	10.00	**9.28**	8.25	**7.81**	1.75	**1.47**	.10	5.00	**5.10**	2.00	**2.34**
Wheat and Grain Mixture	Baltimore	2.00	**2.11**	1.00	**1.10**	1.00	**1.01**	.40	8.00	**8.80**	5.00	**5.36**
Emporia Elevator & Feeding Co., Emporia, Kansas.												
Pulverized Cattle Manure	Baltimore	1.85	**1.99**	....	....	....	....	....	*.75	***1.40**	1.75	**1.80**
"Big Sheep" Brand Sheep Manure	Baltimore	2.00	**2.19**	....	....	....	....	....	*1.00	***2.10**	2.00	**3.76**
"Big Sheep" Brand Sheep Manure	Reisterstown	2.00	**2.19**	....	....	....	....	....	*1.00	***1.80**	2.00	**3.72**
Farmers Cooperative Asso., Inc., Frederick, Md.												
Superphosphate	Frederick	....	....	....	....	....	....	**1.00**	16.00	**16.40**	....	....
Spring Special	Frederick	4.00	**5.18**	2.80	**4.44**	1.20	**.71**	**.20**	8.00	**8.50**	7.00	**9.54**
Farmers' Fertilizer & Feed Co., Westminster, Md.												
Superphosphate	Westminster	....	....	....	....	....	....	**1.10**	16.00	**17.10**	....	....
Farmers' Favorite	Westminster	1.00	**1.11**	.50	**.65**	.50	**.46**	**.50**	10.00	**10.40**	5.00	**5.20**
Potash Special	Westminster	2.00	**2.27**	1.30	**1.29**	.70	**.98**	**.20**	8.00	**8.10**	10.00	**10.00**
Potato Grower	Westminster	2.00	**2.16**	1.30	**1.77**	.70	**.39**	**.60**	8.00	**8.50**	5.00	**5.16**
Superphosphate and Potash	Westminster	....	....	....	....	....	....	**.40**	12.00	**12.50**	5.00	**5.10**
X X	Westminster	1.00	**1.22**	.50	**.70**	.50	**.52**	**1.00**	9.00	**10.10**	3.00	**3.00**
X X X	Westminster	1.00	**1.04**	.50	**.51**	.50	**.53**	**1.00**	9.00	**9.40**	4.00	**4.00**
Farmers & Planters Co., Salisbury, Md.												
Acid Phosphate	Salisbury	....	....	....	....	....	....	**.40**	16.00	**17.70**	....	....
†Corn Grower	Salisbury	1.00	**1.07**	.20	**.62**	.80	**.45**	**.70**	9.00	**9.70**	4.00	**5.70**
Early Vegetable	Preston	4.00	**3.68**	2.80	**2.52**	1.20	**1.16**	**.40**	8.00	**7.70**	5.00	**6.08**
Early Vegetable	Salisbury	4.00	**4.04**	2.80	**3.09**	1.20	**.95**	**.50**	8.00	**8.60**	5.00	**5.14**
Fish Brand Fertilizer	Preston	2.00	**2.67**	1.20	**1.61**	.80	**1.06**	**.20**	8.00	**11.20**	5.00	**5.00**
†Lawn and Garden Mixture	Salisbury	4.00	**4.13**	2.80	**3.54**	1.20	**.59**	**.40**	8.00	**9.10**	5.00	**5.20**
Rock and Kainit	Salisbury	....	....	....	....	....	....	**.40**	7.00	**7.30**	5.00	**6.70**
Special High Grade	Preston	6.00	**5.71**	4.20	**4.12**	1.80	**1.59**	**.20**	6.00	**6.30**	5.00	**5.08**
†Special High Grade	Salisbury	6.00	**5.15**	4.20	**4.28**	1.80	**.84**	**.50**	6.00	**8.00**	5.00	**5.20**
Special Potash Mixture	Salisbury	....	....	....	....	....	....	**1.10**	12.00	**12.30**	5.00	**5.10**
Sweet Potato Special	Salisbury	2.00	**2.01**	1.30	**1.36**	.70	**.65**	**.50**	8.00	**8.80**	8.00	**10.60**
Sweet Potato Special	Salisbury	2.00	**2.04**	1.30	**1.35**	.70	**.69**	**.60**	8.00	**9.10**	8.00	**8.86**
XX Potash Mixture	Salisbury	3.00	**3.03**	2.10	**2.27**	.90	**.76**	**.30**	7.00	**8.70**	10.00	**9.60**

† Mincral and Organic findings do not substantiate manufacturers declaration.

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Griffith & Boyd Co., Baltimore, Md.												
Acid Phosphate 20%	Baltimore	....	....	....	....	....	....	**.80**	20.00	**21.50**	....	....
Acid Phosphate H. G. 16%	Baltimore	....	....	....	....	....	....	**.30**	16.00	**17.80**	....	....
Acid Phosphate H. G. 16%	Cumberland	....	....	....	....	....	....	**.40**	16.00	**18.30**	....	....
Accomac Trucker	Baltimore	4.00	**4.00**	2.80	**2.84**	1.20	**1.16**	**.20**	6.00	**6.90**	5.00	**5.30**
Fish and Potash Guano	Baltimore	2.00	**2.11**	1.40	**1.28**	.60	**.83**	**.30**	10.00	**10.50**	3.00	**3.26**
Gilt Edge Crop Guano	Baltimore	2.00	**2.01**	.40	**.22**	1.60	**1.79**	**.70**	8.00	**8.60**	10.00	**10.20**
H. G. Truck Guano	Baltimore	4.00	**4.03**	2.80	**2.81**	1.20	**1.22**	**.30**	8.00	**9.00**	7.00	**7.00**
High Grade Economizer	Baltimore	2.00	**2.33**	1.40	**1.18**	.60	**1.15**	**.40**	12.00	**13.10**	5.00	**5.34**
Pure Fine Ground Bone Meal	Baltimore	3.70	**4.37**	....	....	....	....	....	*20.00	***21.60**	....	....
Pure Fine Ground Bone Meal	Baltimore	3.70	**4.03**	....	....	....	....	....	*20.00	***19.60**	....	....
Royal Potash Guano	Baltimore	1.00	**1.15**	.20	**.31**	.80	**.84**	**.50**	9.00	**9.60**	4.00	**4.16**
Special Grain Grower	Cumberland	....	....	....	....	....	....	**.50**	12.00	**13.00**	5.00	**5.40**
Special Guano	Baltimore	2.00	**2.05**	1.40	**1.29**	.60	**.76**	**.20**	8.00	**8.70**	5.00	**5.24**
Special Guano	Laurel	2.00	**2.20**	1.40	**1.33**	.60	**.87**	**.10**	8.00	**8.10**	5.00	**5.30**
Special Potato Fertilizer	Baltimore	3.00	**3.12**	2.10	**2.05**	.90	**1.07**	**.20**	8.00	**8.90**	7.00	**7.32**
Special Potato Fertilizer	Laurel	3.00	**3.16**	2.10	**2.19**	.90	**.97**	**.20**	8.00	**8.00**	7.00	**8.00**
Sulphate of Ammonia	Baltimore	20.54	**20.28**	....	....	....	....	....	....	....	....	....
Vegetable and Truck Grower	Cumberland	5.00	**5.22**	3.50	**2.96**	1.50	**2.26**	**.30**	8.00	**8.50**	7.00	**7.30**
X X Potash Manure	Baltimore	....	....	....	....	....	....	**.30**	10.00	**11.00**	5.00	**5.32**
Griffith & Turner Co., Baltimore, Md.												
Ammoniated Butchers Bone	Baltimore	2.00	**2.42**	1.40	**1.61**	.60	**.83**	**.20**	12.00	**12.50**	2.00	**2.40**
Alkaline Plant Food	Baltimore	1.00	**1.15**	.20	**.20**	.80	**.95**	**.30**	10.00	**10.50**	3.00	**3.40**
Soft Ground Bone	Baltimore	3.00	**3.12**	....	....	....	....	....	*14.00	***16.10**	....	....
Soft Ground Bone	Baltimore	3.00	**3.14**	....	....	....	....	....	*14.00	***16.50**	....	....
Special Potato	Baltimore	1.00	**1.24**	.20	**.21**	.80	**1.03**	**.50**	9.00	**9.90**	4.00	**4.00**
Special Truck Mixture	Baltimore	4.00	**4.31**	2.80	**3.12**	1.20	**1.19**	**.40**	8.00	**8.50**	6.00	**7.40**
Tomato Grower	Baltimore	2.00	**2.09**	1.40	**1.26**	.60	**.83**	**.20**	8.00	**8.20**	5.00	**5.30**
Hafleigh & Company, Buchanan, Va.												
Pure Raw Bone Meal	Frederick	3.70	**3.99**	....	....	....	....	....	*23.00	***25.00**	....	....
Hampstead Fertilizer Co., Hampstead, Md.												
Superphosphate	Hampstead	....	....	....	....	....	....	**.10**	16.00	**19.80**	....	....
1-9-4	Hampstead	1.00	**1.40**	.50	**.86**	.50	**.54**	**.20**	9.00	**9.50**	4.00	**5.20**
2-8-10	Hampstead	2.00	**2.11**	1.20	**1.41**	.80	**.70**	**.20**	8.00	**8.40**	10.00	**10.40**
Holmes & Folk, Hagerstown, Md.												

Hafleigh & Company, Buchanan, Va.												
Pure Raw Bone Meal	Frederick	3.70	**3.99**	....	....	....	....	....	*23.00	*25.00	....	....
Hampstead Fertilizer Co., Hampstead, Md.												
Superphosphate	Hampstead	....	....	....	....	....	....	.10	16.00	19.80	....	....
1-9-4	Hampstead	1.00	**1.40**	.50	**.86**	.50	**.54**	.20	9.00	**9.50**	4.00	**5.20**
2-8-10	Hampstead	2.00	**2.11**	1.20	**1.41**	.80	**.70**	.20	8.00	**8.40**	10.00	**10.40**
Holmes & Folk, Hagerstown, Md.												
Fern-Gro Plant Food	Hagerstown	8.00	**7.53**	7.00	**5.87**	1.00	**1.66**	.50	9.00	**7.70**	6.00	**4.10**
Horsey Roe & Company, Greensboro, Md.												
4-8-5 Fertilizer	Greensboro	4.00	**4.00**	3.00	**3.00**	1.00	**1.00**	.40	8.00	**8.80**	5.00	**5.10**
3-8-4 Pea Grower	Greensboro	3.00	**3.13**	2.50	**2.71**	.50	**.42**	.30	8.00	**8.80**	4.00	**4.32**
Tomato 3-8-10	Greensboro	3.00	**2.99**	2.00	**1.95**	1.00	**1.04**	.40	8.00	**9.50**	10.00	**10.40**
2-8-5 Fertilizer	Greensboro	2.00	**2.02**	1.50	**1.60**	.50	**.42**	.30	8.00	**9.30**	5.00	**5.04**
0-12-5 Fertilizer	Greensboro	....	....	....	....	....	....	.30	12.00	**12.90**	5.00	**5.30**
Hubbard Fertilizer Co., Baltimore, Md.												
Superphosphate	Maple Grove	....	....	....	....	....	....	**1.00**	16.00	**16.60**	....	....
Jersey Trucker	Maple Grove	2.00	**2.20**	1.00	**1.12**	1.00	**1.08**	.40	8.00	**8.40**	10.00	**10.10**
Money Maker Fertilizer	Baltimore	2.00	**2.42**	1.00	**1.22**	1.00	**1.18**	.40	8.00	**8.80**	5.00	**5.10**
Money Maker Fertilizer	Boonsboro	2.00	**2.06**	1.00	**1.01**	1.00	**1.05**	.40	8.00	**8.50**	5.00	**5.00**
Money Maker Fertilizer	Maple Grove	2.00	**2.04**	1.00	**1.11**	1.00	**.93**	.30	8.00	**8.30**	5.00	**5.20**
1-9-4 Fertilizer	Baltimore	1.00	**1.22**	.25	**.31**	.75	**.91**	.50	9.00	**10.00**	4.00	**4.20**
1-9-4 Fertilizer	Boonsboro	1.00	**1.29**	.25	**.37**	.75	**.92**	.40	9.00	**9.90**	4.00	**4.20**
Potato Fertilizer	Baltimore	4.00	**4.00**	3.20	**3.17**	.80	**.83**	.30	8.00	**9.40**	7.00	**6.48**
Potato Fertilizer	Baltimore	4.00	**4.07**	3.20	**2.77**	.80	**1.30**	.20	8.00	**8.80**	7.00	**7.12**
Potato Fertilizer	Boonsboro	4.00	**3.99**	3.20	**3.20**	.80	**.79**	.20	8.00	**8.80**	7.00	**7.40**
Huston, Culver & Co., Seaford, Del.												
Acid Phosphate	Federalsburg	....	....	....	....	....	....	.10	16.00	**18.20**	....	....
Crop Grower	Federalsburg	2.00	**2.57**	1.00	**1.52**	1.00	**1.08**	.20	8.00	**9.00**	5.00	**6.28**
Kainit	Federalsburg	....	....	....	....	....	....	....	....	....	14.00	**14.28**
Rock and Kainit	Federalsburg	....	....	....	....	....	....	.10	8.00	**8.20**	6.00	**7.80**
Sussex Special	Federalsburg	2.00	**2.67**	1.00	**1.74**	1.00	**.93**	.30	8.00	**10.90**	10.00	**10.64**
Trucker	Federalsburg	4.00	**4.76**	3.00	**3.76**	1.00	**1.00**	.20	8.00	**8.50**	5.00	**8.08**
Trucker	Federalsburg	4.00	**4.02**	3.00	**2.84**	1.00	**1.18**	.20	8.00	**8.30**	5.00	**5.62**
Manuro Products Corp., Baltimore, Md.												
Manuro (Special)	Baltimore	1.50	**1.61**	....	....	....	....	....	*2.00	***1.80**	1.00	**1.36**
Maryland Milling & Supply Co., Sykesville, Md.												
Super-Phosphate H. G.	Sykesville	....	....	....	....	....	....	**1.30**	16.00	**20.20**	....	....
Dietrich's Favorite	Sykesville	1.00	**1.00**	.60	**.46**	.40	**.54**	.50	9.10	**8.00**	4.00	**4.38**
Forthman's Special	Sykesville	5.00	**4.16**	4.50	**3.72**	.50	**.44**	.30	8.00	**9.30**	5.00	**5.04**

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Maryland Milling & Supply Co., Sykesville, Md	. (Cont.)											
1932 Mixture	Sykesville	2.00	**2.22**	1.75	**1.84**	.25	**.38**	**.20**	12.00	**12.40**	4.00	**4.40**
1932 Mixture	Sykesville	2.00	**2.00**	1.75	**1.71**	.25	**.29**	**.20**	12.00	**12.30**	4.00	**4.76**
Newman's Favorite	Sykesville	2.00	**2.86**	1.40	**2.42**	.60	**.44**	**.80**	8.00	**8.70**	5.00	**4.40**
M. & M. 6% Potato Guano	Sykesville	6.00	**5.98**	5.40	**5.00**	.60	**.98**	**1.00**	6.00	**7.60**	5.00	**3.98**
Phosphate and Potash	Sykesville	....	....	....	....	....	....	**1.10**	12.00	**12.70**	5.00	**3.97**
Massey & Wilmer, Chestertown, Md.												
Crop Producer	Chestertown	1.00	**1.35**	.70	**1.04**	.30	**.31**	**.80**	9.00	**10.20**	4.00	**4.18**
Tom Jr.	Chestertown	5.00	**5.15**	4.00	**4.10**	1.00	**1.05**	**.30**	8.00	**9.20**	5.00	**5.00**
Trustworthy	Chestertown	2.00	**2.18**	1.00	**1.12**	1.00	**1.06**	**.30**	8.00	**9.80**	5.00	**5.00**
0-12-5	Chestertown	....	....	....	....	....	....	**.60**	12.00	**12.90**	5.00	**5.84**
Medford Fertilizer Works, Medford, Md.												
1-8-5	Medford	1.00	**1.05**	.50	**.59**	.50	**.46**	**.50**	8.00	**9.00**	5.00	**5.24**
1-10-5	Medford	1.00	**1.04**	.50	**.44**	.50	**.60**	**.80**	10.00	**10.00**	5.00	**5.34**
2-8-5	Medford	2.00	**2.04**	1.50	**1.61**	.50	**.43**	**.70**	8.00	**8.70**	5.00	**5.32**
0-12-5	Medford	....	....	....	....	....	....	**.60**	12.00	**12.40**	5.00	**5.32**
F. Mehring Fert. Works, Inc., Keymar, Md.												
Superphosphate	Keymar	....	....	....	....	....	....	**1.10**	16.00	**17.10**	....	....
Big 4	Linwood	1.00	**1.19**	.75	**.14**	.25	**1.04**	**1.10**	9.00	**9.80**	4.00	**4.10**
Big 4	Keymar	1.00	**1.17**	.75	**.10**	.25	**1.03**	**1.00**	9.00	**9.70**	4.00	**4.12**
Big 4	Walkersville	1.00	**1.08**	.75	**.56**	.25	**.52**	**.90**	9.00	**9.40**	4.00	**4.40**
Early Truck Guano	Keymar	4.00	**3.78**	2.50	**2.68**	1.50	**1.09**	**.90**	8.00	**8.60**	7.00	**7.40**
Indian Chief	Keymar	2.00	**2.02**	1.75	**.93**	.25	**1.09**	**.40**	12.00	**13.00**	6.00	**6.04**
Mammoth Truck Grower	Linwood	2.00	**1.92**	1.75	**.90**	.25	**.96**	**1.20**	8.00	**8.90**	5.00	**5.04**
Mammoth Truck Grower	Keymar	2.00	**1.97**	1.75	**.93**	.25	**1.03**	**1.10**	8.00	**8.90**	5.00	**5.06**
0-12-5	Keymar	....	....	....	....	....	....	**.80**	12.00	**12.40**	5.00	**5.24**
Miller Fertilizer Co., Baltimore, Md.												
Superphosphate	Baltimore	....	....	....	....	....	....	**.40**	16.00	**17.20**	....	....
Superphosphate	Baltimore	....	....	....	....	....	....	**.20**	16.00	**17.40**	....	....
Superphosphate	Baltimore	....	....	....	....	....	....	**.60**	16.00	**16.00**	....	....
Superphosphate	Baltimore	....	....	....	....	....	....	**.70**	16.00	**17.00**	....	....
Superphosphate	Preston	....	....	....	....	....	....	**.70**	16.00	**16.90**	....	....
Superphosphate	Myersville	....	....	....	....	....	....	**.90**	16.00	**16.50**	....	....

Superphosphate	Baltimore	....	....	....	....	....	....	.40	16.00	17.20	....	....
Superphosphate	Baltimore	....	....	....	....	....	....	.20	16.00	17.40	....	....
Superphosphate	Baltimore	....	....	....	....	....	....	.60	16.00	16.00	....	....
Superphosphate	Baltimore	....	....	....	....	....	....	.70	16.00	17.00	....	....
Superphosphate	Preston	....	....	....	....	....	....	.70	16.00	16.90	....	....
Superphosphate	Myersville	....	....	....	....	....	....	.90	16.00	16.50	....	....
Superphosphate	Laurel	....	....	....	....	....	....	.80	16.00	17.10	....	....
Superphosphate	Woodsboro	....	....	....	....	....	....	1.20	16.00	16.70	....	....
Superphosphate	Crownsville	....	....	....	....	....	....	.70	16.00	16.10	....	....
4-8-12	Baltimore	4.00	3.90	3.20	2.98	.80	.92	.10	8.00	8.90	12.00	12.40
4-8-12	Baltimore	4.00	4.00	3.20	3.02	.80	.98	.20	8.00	9.10	12.00	12.40
4-8-7	Baltimore	4.00	3.80	3.20	2.81	.80	.99	.20	8.00	9.10	7.00	7.20
4-8-7	Baltimore	4.00	4.16	3.20	3.08	.80	1.08	.20	8.00	9.00	7.00	7.40
4-8-7	Linwood	4.00	4.11	3.20	3.03	.80	1.08	.20	8.00	9.00	7.00	7.20
Harvest Queen	Baltimore	1.00	1.38	.25	.28	.75	1.10	.30	9.00	10.00	4.00	4.24
Harvest Queen	Linwood	1.00	1.40	.25	.52	.75	.88	.40	9.00	9.40	4.00	4.36
Harvest Queen	Lineboro	1.00	1.38	.25	.44	.75	.95	.50	9.00	9.60	4.00	4.20
Pimlico	Baltimore	2.00	2.53	1.00	1.18	1.00	1.37	.30	8.00	8.90	10.00	10.40
Pimlico	Baltimore	2.00	2.77	1.00	1.82	1.00	.96	.30	8.00	8.10	10.00	10.00
6-6-5	Salisbury	6.00	5.28	5.40	4.21	.60	1.07	.30	6.00	7.30	5.00	5.20
6-6-5	Preston	6.00	6.07	5.40	5.05	.60	1.02	.20	6.00	6.70	5.00	5.08
6-6-5	Crownsville	6.00	6.07	5.40	4.96	.60	1.11	.20	6.00	6.30	5.00	5.30
Tobacco Fertilizer	Baltimore	8.00	8.19	7.20	6.90	.80	1.29	.20	5.00	5.20	2.00	2.32
Tobacco Fertilizer	Baltimore	8.00	8.28	7.20	7.16	.80	1.12	.30	5.00	5.10	2.00	2.30
3-8-10	Baltimore	3.00	3.12	2.25	2.13	.75	.99	.20	8.00	9.00	10.00	10.20
3-8-10	Baltimore	3.00	3.17	2.25	2.11	.75	1.06	.20	8.00	9.10	10.00	10.10
3-8-8	Preston	3.00	3.02	2.25	1.98	.75	1.07	.30	8.00	8.60	8.00	8.08
2-12-4	Fowblesburg	2.00	2.04	1.00	1.26	1.00	.78	1.20	12.00	12.10	4.00	4.18
2-12-4	Baltimore	2.00	2.58	1.00	1.15	1.00	1.43	.50	12.00	12.10	4.00	4.38
2-12-4	Myersville	2.00	2.15	1.00	1.10	1.00	1.05	.60	12.00	12.00	4.00	4.10
2-8-5	Baltimore	2.00	2.32	1.00	1.35	1.00	.99	.30	8.00	8.60	5.00	5.12
2-8-5	Baltimore	2.00	2.08	1.00	1.04	1.00	1.04	.10	8.00	9.20	5.00	5.08
2-8-5	Baltimore	2.00	2.22	1.00	.98	1.00	1.24	.30	8.00	8.90	5.00	5.20
2-8-5	Fowblesburg	2.00	2.04	1.00	1.11	1.00	.93	.30	8.00	8.70	5.00	5.16
2-8-5	Lineboro	2.00	2.15	1.00	1.14	1.00	1.01	.50	8.00	8.50	5.00	5.16
2-8-5	Linwood	2.00	2.02	1.00	1.07	1.00	.95	.30	8.00	8.80	5.00	5.40
2-8-5	Owings Mills	2.00	2.18	1.00	1.04	1.00	1.14	.30	8.00	8.80	5.00	5.24
0-12-5	Baltimore	....	....	....	....	....	....	.60	12.00	12.60	5.00	5.36
0-12-5	Baltimore	....	....	....	....	....	....	.70	12.00	12.70	5.00	5.16
0-12-5	Preston	....	....	....	....	....	....	.40	12.00	12.80	5.00	5.00
Vegetable Compound	Preston	4.00	4.24	3.20	3.45	.80	.79	.40	8.00	9.50	5.00	5.24
Vegetable Compound	Baltimore	4.00	4.14	3.20	2.58	.80	1.56	.30	8.00	8.50	5.00	5.06
Vegetable Compound	Preston	4.00	4.24	3.20	3.19	.80	1.06	.60	8.00	8.80	5.00	5.34
Vegetable Compound	Laurel	4.00	4.00	3.20	2.92	.80	1.08	.50	8.00	8.80	5.00	5.04
Vegetable Compound	Crownsville	4.00	4.04	3.20	2.98	.80	1.06	.20	8.00	8.40	5.00	5.16
Vegetable Compound	Baltimore	4.00	4.27	3.20	3.08	.80	1.25	.80	8.00	8.50	5.00	5.28

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Mount Airy Canning Co., Preston, Md.												
Special Pea Fertilizer	Mt. Airy	4.00	**4.32**	3.21	**3.22**	1.05	**1.09**	**.50**	9.00	**10.40**	4.00	**4.38**
G. Ober & Sons Co., Baltimore, Md.												
Special Grade Superphosphate	Baltimore	....	....	....	....	....	....	**.40**	18.00	**19.30**	....	....
Superphosphate H. G.	Chestertown	....	....	....	....	....	....	**1.10**	16.00	**16.50**	....	....
Superphosphate H. G.	Baltimore	....	....	....	....	....	....	**.90**	16.00	**15.70**	....	....
Superphosphate H. G.	Owings	....	....	....	....	....	....	**1.60**	16.00	**16.70**	....	....
Superphosphate H. G.	Baltimore	....	....	....	....	....	....	**1.10**	16.00	**16.30**	....	....
Refined Bone Meal	Owings Mills	2.47	**2.99**	....	....	....	....	....	*22.00	*26.50	....	....
Fruit and Vine Truck Guano	Baltimore	4.00	**3.76**	3.00	**2.76**	1.00	**1.00**	**1.30**	8.00	**8.60**	5.00	**5.20**
Fruit and Vine Truck Guano	Chestertown	4.00	**3.99**	3.00	**2.77**	1.00	**1.22**	**1.40**	8.00	**9.30**	5.00	**5.00**
Fruit and Vine Truck Guano	Owings	4.00	**4.00**	3.00	**3.04**	1.00	**.96**	**1.20**	8.00	**8.50**	5.00	**5.30**
Lawn and Garden Fertilizer	Baltimore	6.00	**6.44**	4.50	**5.22**	1.50	**1.22**	**.30**	6.00	**6.80**	5.00	**5.10**
Lawn and Garden Manure	Baltimore	4.00	**4.93**	0.00	**0.00**	4.00	**4.93**	....	*1.50	*1.90	3.50	**3.52**
Lord Calvert Tobacco Fertilizer	Baltimore	4.00	**3.78**	2.80	**2.54**	1.20	**1.24**	**.60**	8.00	**8.70**	12.00	**12.20**
Maryland Tobacco Growers Special	Baltimore	4.00	**3.15**	2.80	**1.94**	1.20	**1.21**	**.60**	8.00	**8.60**	7.00	**7.84**
Plant Grower	Waldorf	6.00	**6.39**	5.10	**5.57**	.90	**.86**	**.80**	6.00	**6.70**	8.00	**8.40**
Plant Grower	Barstow	6.00	**7.15**	5.10	**6.16**	.90	**.92**	**1.70**	6.00	**7.30**	8.00	**8.00**
Plant Grower	Owings	6.00	**6.94**	5.10	**5.74**	.90	**1.20**	**1.20**	6.00	**6.60**	8.00	**8.00**
Plant Grower	Baltimore	6.00	**6.23**	5.10	**5.42**	.90	**.81**	**.90**	6.00	**6.80**	8.00	**8.34**
Plant Grower	Baltimore	6.00	**6.04**	5.10	**5.20**	.90	**.84**	**.80**	6.00	**6.30**	8.00	**9.76**
Plant Grower	Baltimore	6.00	**6.37**	5.10	**5.52**	.90	**.86**	**1.30**	6.00	**6.80**	8.00	**8.40**
Plant Grower	Baltimore	6.00	**6.36**	5.10	**5.42**	.90	**.99**	**1.10**	6.00	**7.10**	8.00	**8.40**
Plant Grower	Baltimore	6.00	**6.28**	5.10	**5.48**	.90	**.80**	**1.10**	6.00	**7.20**	8.00	**8.38**
Plant Grower	Baltimore	6.00	**6.43**	5.10	**5.42**	.90	**1.08**	**1.10**	6.00	**7.20**	8.00	**8.20**
Red Seal Tobacco Fertilizer	Baltimore	4.00	**3.75**	2.80	**2.50**	1.20	**1.25**	**1.00**	8.00	**8.90**	5.00	**5.04**
Red Seal Tobacco Fertilizer	Baltimore	4.00	**4.20**	2.80	**3.08**	1.20	**1.12**	**1.40**	8.00	**8.80**	5.00	**5.40**
Royal Crown Tobacco Fertilizer	Baltimore	4.00	**3.45**	2.80	**2.22**	1.20	**1.23**	**.30**	8.00	**9.10**	10.00	**10.40**
Royal Crown Tobacco Fertilizer	Baltimore	4.00	**4.20**	2.80	**3.09**	1.20	**1.11**	**.60**	8.00	**8.70**	10.00	**10.10**
Special Plant Food	Baltimore	2.00	**2.08**	1.60	**1.50**	.40	**.58**	**1.40**	8.00	**9.00**	5.00	**5.18**
Special Tobacco Bed Fertilizer	Barstow	8.00	**8.39**	6.80	**7.16**	1.20	**1.23**	**1.00**	5.00	**5.80**	2.00	**2.28**
Special Tobacco Bed Fertilizer	Owings	8.00	**8.20**	6.80	**6.89**	1.20	**1.31**	**.70**	5.00	**5.40**	2.00	**2.30**
Special Tobacco Bed Fertilizer	Baltimore	8.00	**8.26**	6.80	**7.16**	1.20	**1.10**	**.90**	5.00	**6.00**	2.00	**2.24**
Special Tobacco Bed Fertilizer	Baltimore	8.00	**8.40**	6.80	**7.64**	1.20	**.89**	**.50**	5.00	**5.70**	2.00	**2.10**
Special Tobacco Bed Fertilizer	Baltimore	8.00	**8.76**	6.80	**7.50**	1.20	**1.28**	**1.20**	5.00	**5.70**	2.00	**2.18**

Special Tobacco Bed Fertilizer	Owings	8.00	**8.20**	6.80	**6.89**	1.20	**1.31**	**.70**	5.00	**5.40**	2.00	**2.30**
Special Tobacco Bed Fertilizer	Baltimore	8.00	**8.26**	6.80	**7.16**	1.20	**1.10**	**.90**	5.00	**6.00**	2.00	**2.24**
Special Tobacco Bed Fertilizer	Baltimore	8.00	**8.40**	6.80	**7.64**	1.20	**.89**	**.50**	5.00	**5.70**	2.00	**2.10**
Special Tobacco Bed Fertilizer	Baltimore	8.00	**8.76**	6.80	**7.50**	1.20	**1.28**	**1.20**	5.00	**5.70**	2.00	**2.18**
Special Tobacco Bed Fertilizer	Baltimore	8.00	**8.46**	6.80	**7.40**	1.20	**1.11**	**.90**	5.00	**6.30**	2.00	**2.16**
Special Tobacco Bed Fertilizer	Baltimore	8.00	**8.53**	6.80	**7.30**	1.20	**1.24**	**.60**	5.00	**6.20**	2.00	**2.32**
Special Tobacco Bed Fertilizer	Baltimore	8.00	**9.08**	6.80	**7.90**	1.20	**1.20**	**.60**	5.00	**6.30**	2.00	**2.20**
Special Tobacco Mixture	Baltimore	2.00	**2.01**	1.40	**1.34**	.60	**.67**	**.70**	8.00	**8.10**	10.00	**10.94**
Standard Southern Vegetable Compound	Baltimore	6.00	**5.45**	4.50	**3.78**	1.50	**1.63**	**.90**	6.00	**7.30**	5.00	**5.20**
Sulphate of Ammonia	Baltimore	20.56	**20.74**	....	....	....	....	....	....	....	....	....
Super Wheat and Grain Grower	Baltimore	3.00	**3.09**	2.25	**2.11**	.75	**.98**	**1.70**	12.00	**12.70**	3.00	**3.60**
Swan E Guano	Baltimore	2.00	**2.06**	1.60	**1.61**	.40	**.45**	**.50**	9.00	**10.40**	3.00	**3.16**
Pacific Manure & Fert. Co., San Francisco, Calif.												
Groz-It Brand Pulverized Sheep Manure	Baltimore	1.50	**1.68**	....	....	....	....	....	*.75	***.90**	2.50	**2.52**
Peerless Fertilizer Co., Chestertown, Md.												
Early Trucker	Chestertown	4.00	**4.00**	3.00	**3.27**	1.00	**.73**	**.40**	8.00	**9.40**	5.00	**5.22**
†Fish Brand Fertilizer	Chestertown	3.00	**3.06**	1.50	**2.16**	1.50	**.90**	**.60**	8.00	**8.70**	7.00	**7.16**
Fish Brand Fertilizer	Chestertown	3.00	**3.17**	1.50	**2.27**	1.50	**.90**	**.90**	8.00	**8.40**	7.00	**7.40**
Our Peerless	Chestertown	2.00	**2.13**	1.25	**1.63**	.75	**.50**	**.60**	8.00	**8.60**	5.00	**5.62**
Our Peerless	Chestertown	2.00	**2.00**	1.25	**.93**	.75	**1.07**	**.50**	8.00	**8.70**	5.00	**5.24**
Truckers Pride	Chestertown	6.00	**6.76**	5.00	**4.30**	1.00	**1.46**	**.40**	6.00	**7.20**	5.00	**5.32**
Truckers Pride	Chestertown	6.00	**6.15**	5.00	**5.04**	1.00	**1.11**	**.60**	6.00	**6.90**	5.00	**5.36**
Peoples Service Drug Stores, Inc., Frederick, Md.												
†"Bowling Green" Fertilizer	Baltimore	4.00	**4.40**	2.00	**3.00**	2.00	**1.39**	**1.50**	10.00	**13.00**	5.00	**5.90**
Piedmont-Mt. Airy Guano Co., Inc., Balto., Md.												
Superphosphate	Baltimore	....	....	....	....	....	....	**.70**	16.00	**17.40**	....	....
Plantabbs Corp., Baltimore, Md.												
Fulton's Plantabbs	Baltimore	11.00	**11.05**	....	....	....	....	....	*17.00	***19.20**	20.00	**24.00**
Fulton's Plantabbs	Baltimore	11.00	**11.04**	....	....	....	....	....	*17.00	***19.50**	20.00	**25.12**
Pulverized Manure Co., Chicago, Ill.												
Wizard Brand Cattle Manure	Baltimore	2.00	**2.15**	....	....	....	....	....	*1.00	***1.40**	1.00	**1.90**
Wizard Brand Cattle Manure	Baltimore	2.00	**2.39**	....	....	....	....	....	*1.00	***1.20**	1.00	**1.94**
Wizard Brand Pulverized Sheep Manure	Baltimore	2.00	**2.26**	....	....	....	....	....	*1.00	***1.90**	2.00	**2.60**
Wizard Brand Pulverized Sheep Manure	Hyattsville	2.00	**2.16**	....	....	....	....	....	*1.00	***1.60**	2.00	**3.18**
Wizard Brand Pulverized Sheep Manure	Baltimore	2.00	**2.12**	....	....	....	....	....	*1.00	***1.80**	2.00	**3.54**
Wizard Brand Pulverized Sheep Manure	Baltimore	2.00	**2.15**	....	....	....	....	....	*1.00	***1.60**	2.00	**4.64**

† Mineral and Organic findings do not substantiate manufacturers declaration.

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Ramsburg Fertilizer Co., Frederick, Md.												
Super Phosphate	Frederick	....	....	....	....	....	....	**.70**	16.00	**16.50**	....	....
Ammoniated Phosphate	Frederick	1.00	**1.21**	.65	**.67**	.35	**.59**	**.30**	10.00	**10.80**	4.00	**4.20**
Corn and Potato Fertilizer	Frederick	1.00	**1.05**	.65	**.66**	.35	**.39**	**.20**	10.00	**11.50**	5.00	**5.00**
Excelsior Plant Food	Frederick	2.00	**2.04**	1.00	**1.12**	1.00	**.92**	**.30**	10.00	**11.90**	4.00	**4.16**
Excelsior Plant Food	Frederick	2.00	**1.83**	1.00	**1.05**	1.00	**.78**	**.30**	10.00	**11.10**	4.00	**4.32**
†High Grade Trucking Fertilizer	Frederick	4.00	**3.72**	2.50	**3.05**	1.50	**.68**	**.30**	8.00	**10.20**	4.00	**5.54**
High Grade Trucking Fertilizer	Frederick	4.00	**3.73**	2.50	**2.95**	1.50	**.78**	**.30**	8.00	**9.50**	4.00	**6.20**
Old Virginia Compound	Frederick	1.00	**1.14**	.65	**.63**	.35	**.51**	**.30**	10.00	**11.20**	5.00	**5.10**
Special 2-8-5 Fertilizer	Frederick	2.00	**2.04**	2.00	**1.33**	0.00	**.71**	**.30**	8.00	**11.10**	5.00	**5.82**
Special 2-8-5 Fertilizer	Frederick	2.00	**1.87**	2.00	**1.19**	0.00	**.68**	**.40**	8.00	**10.60**	5.00	**6.00**
Williams Wheat and Grass Fertilizer	Frederick	1.00	**1.04**	.65	**.56**	.35	**.48**	**.20**	10.00	**11.60**	2.00	**4.00**
Rasin-Monumental Co., Baltimore, Md.												
Universal Crop Manure	Baltimore	2.00	**2.16**	1.50	**1.43**	.50	**.73**	**.50**	8.00	**8.90**	5.00	**5.28**
Vegetable Special	Baltimore	2.00	**2.06**	1.50	**1.47**	.50	**.59**	**.80**	8.00	**9.70**	10.00	**9.84**
Read Drug & Chemical Co., Baltimore, Md.												
Plantgro	Baltimore	4.00	**3.66**	4.00	**2.84**	0.00	**.83**	**.80**	12.00	**13.10**	4.00	**4.74**
Reindollar Co., Taneytown, Md.												
Acid Phosphate	Taneytown	....	....	....	....	....	....	**.40**	16.00	**17.80**	....	....
Crop Grower	Taneytown	2.00	**2.22**	1.50	**1.54**	.50	**.68**	**.50**	8.00	**9.10**	5.00	**6.08**
Rock and Potash	Taneytown	....	....	....	....	....	....	**.90**	12.00	**13.80**	6.00	**6.20**
W. E. Robinson & Co., Bel Air, Md.												
Vegetable and Corn Grower	Fallston	3.00	**3.10**	2.25	**2.18**	.75	**.92**	**.70**	8.00	**8.40**	5.00	**5.28**
F. S. Royster Guano Co., Baltimore, Md.												
Superphosphate	Rockville	....	....	....	....	....	....	**.60**	16.00	**17.00**	....	....
Arrow Potato Guano	Salisbury	6.00	**6.07**	3.60	**3.61**	2.40	**2.46**	**.20**	6.00	**6.80**	5.00	**5.12**
Arrow Potato Guano	Fairfield	6.00	**6.00**	3.60	**3.37**	2.40	**2.63**	**.20**	6.00	**6.30**	5.00	**5.40**
Arrow Potato Guano	Baltimore	6.00	**6.15**	3.60	**3.68**	2.40	**2.47**	**.20**	6.00	**6.70**	5.00	**5.20**
Dried Blood	Baltimore	13.16	**13.19**	....	....	....	....	....	....	....	....	....
Genuine German Kainit	Fairfield	....	....	....	....	....	....	....	....	....	14.00	**14.10**
Ideal Guano	Baltimore	3.00	**3.29**	2.40	**2.67**	.60	**.66**	**.20**	8.00	**8.60**	8.00	**8.00**

Arrow Potato Guano	Salisbury	6.00	**6.07**	3.60	**3.61**	2.40	**2.46**	**.20**	6.00	**6.80**	5.00	**5.12**
Arrow Potato Guano	Fairfield	6.00	**6.00**	3.60	**3.37**	2.40	**2.63**	**.20**	6.00	**6.30**	5.00	**5.40**
Arrow Potato Guano	Baltimore	6.00	**6.15**	3.60	**3.68**	2.40	**2.47**	**.20**	6.00	**6.70**	5.00	**5.20**
Dried Blood	Baltimore	13.16	**13.19**	....	....	....	....	....	....	....	....	....
Genuine German Kainit	Fairfield	....	....	....	....	....	....	....	....	....	14.00	**14.10**
Ideal Guano	Baltimore	3.00	**3.29**	2.40	**2.67**	.60	**.66**	**.20**	8.00	**8.60**	8.00	**8.00**
Jim Dandy Guano	Rockville	2.00	**2.15**	1.60	**1.57**	.40	**.58**	.40	12.00	**12.00**	2.00	**2.20**
Raw Bone Meal	Baltimore	3.70	**3.69**	....	....	....	....	....	*20.60	***20.30**	....	....
Sheep and Goat Manure	Baltimore	1.23	**1.50**	....	....	....	....	....	*1.00	***1.40**	2.00	**3.28**
Special Trucker	Baltimore	4.00	**4.13**	3.20	**3.29**	.80	**.84**	**.30**	8.00	**8.90**	5.00	**5.10**
10% Tobacco Dresser	Baltimore	10.00	**9.55**	5.00	**4.68**	5.00	**4.62**	**.20**	5.00	**6.40**	2.00	**2.40**
F. Rynveld & Sons, New York, N. Y.												
Bone Meal Fertilizer	Baltimore	2.25	**2.49**	....	....	....	....	....	*22.88	***25.70**	....	....
Wm. G. Scarlett & Co., Baltimore, Md.												
Greenway Brand Bone Meal	Reisterstown	2.50	**2.57**	....	....	....	....	....	*24.00	***24.40**	....	....
A. S. Sergent, Baltimore, Md.												
5-8-5	Cambridge	5.00	**5.11**	4.00	**4.18**	1.00	**.94**	**.30**	8.00	**8.50**	5.00	**5.29**
5-8-5	Cambridge	5.00	**5.00**	4.00	**4.18**	1.00	**.82**	**.20**	8.00	**8.70**	5.00	**5.33**
5-8-5	Cambridge	5.00	**5.16**	4.00	**4.21**	1.00	**.95**	**.30**	8.00	**8.50**	5.00	**5.27**
5-10-5	Cambridge	5.00	**5.08**	4.00	**4.14**	1.00	**.94**	**.20**	10.00	**10.50**	5.00	**5.00**
5-10-5	Cambridge	5.00	**5.08**	4.00	**4.21**	1.00	**.87**	**.20**	10.00	**10.30**	5.00	**5.00**
2-8-10	Cambridge	2.00	**2.13**	1.60	**1.07**	.40	**1.06**	**.80**	8.00	**8.20**	10.00	**10.40**
2-8-5	Cambridge	2.00	**2.51**	1.60	**1.81**	.40	**.61**	**.20**	8.00	**8.30**	5.00	**5.08**
2-8-5	Cambridge	2.00	**2.06**	1.60	**1.63**	.40	**.43**	**.30**	8.00	**8.30**	5.00	**5.00**
R. H. Slingluff Fertilizer Co., Baltimore, Md.												
Long Red Tobacco	Waldorf	4.00	**4.30**	....	....	....	....	**.20**	8.00	**8.90**	10.00	**10.36**
Plant Bed Fertilizer	Waldorf	6.00	**6.12**	5.50	**5.26**	.50	**.86**	**.40**	6.00	**6.70**	8.00	**8.00**
10% Tobacco Bed Special with 2% Potash	Faulkner	10.00	**10.06**	8.25	**8.40**	1.75	**1.66**	**.30**	5.00	**5.30**	2.00	**2.30**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**9.77**	8.25	**8.20**	1.75	**1.54**	**.20**	5.00	**5.60**	2.00	**2.30**
10% Tobacco Bed Special with 2% Potash	Baltimore	10.00	**10.03**	8.25	**8.24**	1.75	**1.76**	**.10**	5.00	**5.00**	2.00	**2.30**
Standard Wholesale Phosphate & Acid Works, Inc., Baltimore, Md.												
Standard U. S. Superphosphate 18%	Lonaconing	....	....	....	....	....	....	**.70**	18.00	**17.50**	....	....
Standard U. S. Superphosphate 16%	Brunswick	....	....	....	....	....	....	**.50**	16.00	**16.90**	....	....
Standard U. S. Superphosphate 16%	Annapolis	....	....	....	....	....	....	**.20**	16.00	**16.90**	....	....
Standard U. S. Superphosphate 16%	Reisterstown	....	....	....	....	....	....	**.70**	16.00	**16.50**	....	....
Standard U. S. 5-8-5	Baltimore	5.00	**5.17**	4.00	**4.18**	1.00	**.99**	**.40**	8.00	**8.80**	5.00	**5.22**
Standard U. S. 5-8-5	Baltimore	5.00	**5.00**	4.00	**3.90**	1.00	**1.10**	**.60**	8.00	**9.00**	5.00	**5.08**
Standard U. S. 5-8-5	Annapolis	5.00	**5.18**	4.00	**4.13**	1.00	**1.04**	**.30**	8.00	**8.60**	5.00	**5.70**
Standard U. S. 5-8-5	Baltimore	5.00	**4.91**	4.00	**3.99**	1.00	**.89**	**.40**	8.00	**9.10**	5.00	**5.32**

† Mineral and Organic findings do not substantiate manufacturers declaration.

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Standard Wholesale Phosphate & Acid Works, Inc., Baltimore, Md. (Continued)												
Standard U. S. 4-8-5	Loch Raven	4.00	**4.10**	3.20	**3.42**	.80	**.68**	**.40**	8.00	**9.00**	5.00	**5.00**
Standard U. S. 4-8-5	Baltimore	4.00	**4.24**	3.20	**3.20**	.80	**1.08**	**.60**	8.00	**8.80**	5.00	**5.24**
Standard U. S. 4-8-5	Jessups	4.00	**4.52**	3.20	**3.58**	.80	**.94**	**.40**	8.00	**8.40**	5.00	**5.24**
Standard U. S. 4-8-5	Jessups	4.00	**4.01**	3.20	**3.62**	.80	**.39**	**.50**	8.00	**8.40**	5.00	**5.10**
Standard U. S. 4-8-5	Owings Mills	4.00	**4.31**	3.20	**3.56**	.80	**.75**	**.60**	8.00	**9.00**	5.00	**5.10**
Standard U. S. 4-8-4	Baltimore	4.00	**3.93**	3.20	**3.13**	.80	**.80**	**.70**	8.00	**9.20**	4.00	**4.20**
Standard U. S. 4-8-4	Baltimore	4.00	**4.35**	3.20	**3.22**	.80	**1.15**	**.10**	8.00	**8.80**	4.00	**4.20**
Standard U. S. 4-8-7	Baltimore	4.00	**5.12**	3.20	**4.07**	.80	**1.06**	**.10**	8.00	**6.70**	7.00	**5.32**
Standard U. S. 4-8-10	Baltimore	4.00	**4.04**	3.40	**3.23**	.60	**.81**	**.40**	8.00	**9.00**	10.00	**10.00**
Standard U. S. 4-8-12	Jessups	4.00	**4.02**	3.20	**3.14**	.80	**.88**	**.20**	8.00	**8.60**	12.00	**12.04**
Standard U. S. 8-5-2	Baltimore	8.00	**8.30**	6.40	**7.26**	1.60	**1.04**	**.10**	5.00	**5.10**	2.00	**2.40**
Standard U. S. 8-5-2	Baltimore	8.00	**8.01**	6.40	**7.38**	1.60	**.76**	**.20**	5.00	**5.00**	2.00	**2.40**
Standard U. S. 8-5-2	Baltimore	8.00	**7.75**	6.40	**6.68**	1.60	**.97**	**.20**	5.00	**5.10**	2.00	**2.40**
Standard U. S. 8-5-2	Baltimore	8.00	**8.03**	6.40	**7.02**	1.60	**1.01**	**.10**	5.00	**5.10**	2.00	**2.40**
Standard U. S. Kainit	Owings Mills	....	....	....	....	....	....	....	....	....	12.40	**13.80**
Standard U. S. Nitrate of Soda	Jessups	16.00	**16.46**	....	....	....	....	....	....	....	....	....
Standard U. S. Nitrate of Soda	Reisterstown	16.00	**16.80**	....	....	....	....	....	....	....	....	....
Standard U. S. Nitrate of Soda	Baltimore	16.00	**16.22**	....	....	....	....	....	....	....	....	....
Standard U. S. 7-6-8	Baltimore	7.00	**6.65**	5.60	**4.84**	1.40	**1.79**	**.20**	6.00	**6.70**	8.00	**8.40**
Standard U. S. 6-6-5	Cambridge	6.00	**6.09**	4.80	**4.75**	1.20	**1.34**	**.40**	6.00	**7.00**	5.00	**5.00**
Standard U. S. 6-6-5	Jessups	6.00	**6.09**	4.80	**4.99**	1.20	**1.10**	**.40**	6.00	**6.70**	5.00	**5.00**
Standard U. S. 6-6-5	Reisterstown	6.00	**6.12**	4.80	**4.80**	1.20	**1.32**	**.50**	6.00	**6.70**	5.00	**5.30**
Standard U. S. 6-6-5	Owings Mills	6.00	**6.01**	4.80	**4.66**	1.20	**1.35**	**.40**	6.00	**6.70**	5.00	**5.30**
Standard U. S. 6-6-5	Loch Raven	6.00	**6.00**	4.80	**4.88**	1.20	**1.04**	**.30**	6.00	**6.70**	5.00	**4.80**
Standard U. S. 3-8-8	Loch Raven	3.00	**3.41**	2.40	**2.80**	.60	**.66**	**.30**	8.00	**8.40**	8.00	**8.30**
Standard U. S. 3-8-8	Jessups	3.00	**3.09**	2.40	**2.53**	.60	**.56**	**.50**	8.00	**8.60**	8.00	**8.20**
Standard U. S. 2-12-4	College Park	2.00	**2.13**	1.60	**1.67**	.40	**.46**	**.50**	12.00	**12.50**	4.00	**4.84**
Standard U. S. 2-12-4	Annapolis	2.00	**2.04**	1.60	**1.47**	.40	**.57**	**.60**	12.00	**12.50**	4.00	**4.24**
Standard U. S. 2-12-4	Loch Raven	2.00	**2.25**	1.60	**1.80**	.40	**.47**	**.50**	12.00	**12.10**	4.00	**4.10**
Standard U. S. 2-12-4	Jessups	2.00	**2.20**	1.60	**1.61**	.40	**.59**	**.60**	12.00	**12.20**	4.00	**4.24**
Standard U. S. 2-12-4	Reisterstown	2.00	**2.29**	1.60	**1.76**	.40	**.53**	**.50**	12.00	**11.90**	4.00	**4.42**
Standard U. S. 2-12-4	Owings Mills	2.00	**2.27**	1.60	**1.68**	.40	**.62**	**.50**	12.00	**12.90**	4.00	**4.24**
Standard U. S. 2-8-10	Jessups	2.00	**2.29**	1.60	**1.63**	.40	**.66**	**.20**	8.00	**8.10**	10.00	**10.34**
Standard U. S. 2-8-5	Baltimore	2.00	**2.04**	1.60	**1.54**	.40	**.50**	**.40**	8.00	**9.00**	5.00	**5.24**

Standard U. S. 2-12-4	Loch Raven	2.00	2.25	1.60	1.80	.40	.47	.50	12.00	12.10	4.00	4.10
Standard U. S. 2-12-4	Jessups	2.00	2.20	1.60	1.61	.40	.59	.60	12.00	12.20	4.00	4.24
Standard U. S. 2-12-4	Reisterstown	2.00	2.29	1.60	1.76	.40	.53	.50	12.00	11.90	4.00	4.42
Standard U. S. 2-12-4	Owings Mills	2.00	2.27	1.60	1.68	.40	.62	.50	12.00	12.90	4.00	4.24
Standard U. S. 2-8-10	Jessups	2.00	2.29	1.60	1.63	.40	.66	.20	8.00	8.10	10.00	10.34
Standard U. S. 2-8-5	Baltimore	2.00	2.04	1.60	1.54	.40	.50	.40	8.00	9.00	5.00	5.24
Standard U. S. 2-8-5	Lonaconing	2.00	2.25	1.60	1.56	.40	.69	.60	8.00	8.90	5.00	5.30
Standard U. S. 2-8-5	Reisterstown	2.00	1.99	1.60	1.54	.40	.45	.50	8.00	8.80	5.00	5.20
Standard U. S. 0-12-5	Brunswick	....	....	....	....	....	....	.30	12.00	12.80	5.00	5.36
Standard U. S. Steamed Bone Meal	Baltimore	2.47	2.61	....	....	....	....	....	*22.00	*23.30	....	....
Summers Fertilizer Co., Inc., Baltimore, Md.												
4-16-4 Fertilizer	Baltimore	4.00	4.07	4.00	3.92	0.00	.15	.70	16.00	16.00	4.00	4.04
Genuine Venezuelan Goat Manure	Baltimore	1.00	1.11	....	....	....	....	....	*1.00	*1.10	3.00	3.00
Young's Formula	Baltimore	6.00	6.22	6.00	5.38	0.00	.73	.20	7.00	9.00	6.00	6.00
Swift and Company, Baltimore, Md.												
Red Steer Superphosphate 16%	Baltimore	....	....	....	....	....	....	.10	16.00	17.50	....	....
Red Steer Superphosphate 16%	Clements	....	....	....	....	....	....	.20	16.00	15.70	....	....
Red Steer 5-8-5	Baltimore	5.00	4.83	4.04	4.09	.96	.74	.20	8.00	8.60	5.00	5.20
Red Steer 5-8-5	Reisterstown	5.00	5.19	4.04	3.87	.96	1.32	.20	8.00	8.90	5.00	5.30
Red Steer 5-8-7	Baltimore	5.00	4.70	4.04	3.69	.96	1.01	.20	8.00	8.90	7.00	7.24
Red Steer 4-8-5	Ridgely	4.00	3.79	3.19	2.86	.81	.89	.30	8.00	8.70	5.00	5.16
Red Steer 4-8-5	Baltimore	4.00	4.00	3.19	2.91	.81	1.10	.30	8.00	8.30	5.00	5.10
Red Steer 4-8-5	Clements	4.00	4.07	3.19	3.17	.81	.90	.30	8.00	8.60	5.00	5.20
Red Steer 8-5-2	Clinton	8.00	7.78	6.58	6.51	1.42	1.25	.20	5.00	6.10	2.00	2.08
Red Steer 8-5-2	Clements	8.00	7.96	6.58	6.32	1.42	1.64	.20	5.00	6.00	2.00	2.16
Red Steer 8-5-2	Baltimore	8.00	8.04	6.58	6.46	1.42	1.58	.20	5.00	6.00	2.00	2.30
Red Steer 8-5-2	Baltimore	8.00	8.06	6.58	6.22	1.42	1.84	.40	5.00	5.80	2.00	2.36
Red Steer 8-5-2	Baltimore	8.00	7.73	6.58	6.59	1.42	1.11	.20	5.00	6.20	2.00	2.40
Nitrate of Soda	Baltimore	15.50	16.16	....	....	....	....	....	....	....	....	....
Red Steer 1-9-4	Reisterstown	1.00	1.19	.79	.76	.21	.43	.20	9.00	9.40	4.00	4.20
Raw Bone Meal	Baltimore	3.70	4.18	....	....	....	....	....	*20.00	*20.10	....	....
Red Steer 6-6-5	Salisbury	6.00	5.70	5.13	4.72	.87	.98	.20	6.00	6.60	5.00	5.10
Red Steer 6-6-5	Baltimore	6.00	5.64	5.13	4.58	.87	1.06	.30	6.00	6.30	5.00	5.20
Red Steer 2-8-5	Baltimore	2.00	2.18	1.57	1.68	.43	.50	.30	8.00	9.30	5.00	5.10
Red Steer 2-8-5	Ridgely	2.00	2.02	1.57	1.59	.43	.43	.30	8.00	8.40	5.00	5.10
Red Steer 2-8-5	Reisterstown	2.00	2.06	1.57	1.60	.43	.46	.30	8.00	8.60	5.00	5.08
Red Steer 2-8-10	Baltimore	2.00	2.08	1.57	1.57	.43	.51	.30	8.00	8.30	10.00	10.30
Red Steer 2-12-4	Baltimore	2.00	2.16	1.57	1.64	.43	.52	.30	12.00	12.90	4.00	4.12
Red Steer 3-8-10	Baltimore	3.00	2.74	2.34	1.91	.66	.83	.20	8.00	8.90	10.00	10.32
Vigoro	Baltimore	4.00	4.38	3.84	3.81	.16	.57	.20	12.00	12.70	4.00	4.30
Vigoro	Baltimore	4.00	4.21	3.84	3.58	.16	.63	.30	12.00	12.30	4.00	4.20
Vigoro	Baltimore	4.00	4.04	3.84	3.46	.16	.58	.20	12.00	12.70	4.00	4.00

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Synthetic Nitrogen Products Corp., New York, N. Y.												
Nitrophoska	Reisterstown	15.00	**15.36**	....	....	....	....	....	*30.00	***29.60**	15.00	**15.04**
Talbot Fertilizer Co., Easton, Md.												
2-8-8	Cordova	2.00	**3.17**	2.00	**2.88**	0.00	**.29**	**.20**	8.00	**10.20**	8.00	**7.44**
Thomas & Company, Frederick, Md.												
Superphosphate	Gaithersburg	....	....	....	....	....	....	**.10**	16.00	**20.00**	....	....
Pea Special	Gaithersburg	4.00	**4.14**	2.80	**3.40**	1.20	**.74**	**.30**	10.00	**11.80**	7.00	**7.40**
Rock and Potash	Frederick	....	....	....	....	....	....	**.60**	12.00	**12.40**	5.00	**6.54**
Rock and Potash	Gaithersburg	....	....	....	....	....	....	**.80**	12.00	**12.10**	5.00	**5.60**
†Wheat and Grass Grower	Frederick	2.00	**2.28**	.70	**1.52**	1.30	**.75**	**.60**	8.00	**9.00**	5.00	**5.60**
Wm. B. Tilghman Company, Salisbury, Md.												
Superphosphate	Salisbury	....	....	....	....	....	....	**.10**	16.00	**17.50**	....	....
Early Truck	Salisbury	4.00	**4.28**	2.80	**3.05**	1.20	**1.24**	**1.00**	8.00	**9.10**	5.00	**5.20**
Early Truck	Salisbury	4.00	**4.42**	2.80	**3.10**	1.20	**1.32**	**1.10**	8.00	**8.10**	5.00	**5.40**
Irish P. Guano	Salisbury	6.00	**6.60**	4.20	**4.91**	1.80	**1.69**	**.40**	6.00	**7.30**	5.00	**5.10**
Irish P. Guano	Princess Anne	6.00	**6.60**	4.20	**4.98**	1.80	**1.62**	**.40**	6.00	**7.30**	5.00	**5.22**
Irish P. Guano	Salisbury	6.00	**6.32**	4.20	**4.77**	1.80	**1.55**	**.50**	6.00	**7.40**	5.00	**4.90**
Kainit	Salisbury	....	....	....	....	....	....	....	....	....	14.00	**15.36**
Melon Mixture	Salisbury	4.00	**4.04**	2.00	**2.50**	2.00	**1.54**	**1.10**	8.00	**10.00**	7.00	**7.00**
Mixture "B"	Salisbury	3.00	**3.55**	2.10	**2.49**	.90	**1.07**	**.80**	8.00	**8.90**	10.00	**10.40**
Mixture "B"	Salisbury	3.00	**3.14**	2.10	**2.36**	.90	**.81**	**.60**	8.00	**9.00**	10.00	**10.40**
"Q" Brand	Salisbury	2.00	**2.02**	1.40	**1.36**	.60	**.66**	**.80**	10.00	**11.30**	6.00	**6.90**
"S. P."	Salisbury	2.00	**2.74**	1.40	**1.83**	.60	**.98**	**.50**	8.00	**8.90**	10.00	**11.08**
Standard	Salisbury	2.00	**2.34**	1.40	**1.71**	.60	**.67**	**.40**	8.00	**9.30**	5.00	**5.82**
Topdresser	Salisbury	5.00	**5.42**	4.50	**4.60**	.50	**.82**	**.30**	6.00	**6.70**	6.00	**6.60**
Tobacco By-Products & Chemical Corp., Richmond, Va.												
"Black Leaf" Tobacco-Stem Meal	Baltimore	1.16	**1.17**	....	....	....	....	....	....	....	4.00	**4.20**
F. W. Tunnell & Co., Inc., Philadelphia, Pa.												
Potato and Truck Manure	Colora	2.00	**2.17**	1.00	**.93**	1.00	**1.34**	**.50**	8.00	**9.30**	10.00	**10.36**
Premier Potato Manure	Colora	4.00	**4.02**	3.00	**2.82**	1.00	**1.20**	**.30**	8.00	**9.00**	7.00	**8.00**
Veribest Cereal Manure	Colora	2.00	**3.07**	1.00	**1.80**	1.00	**1.27**	**.80**	8.00	**9.00**	10.00	**10.36**

"Black Leaf" Tobacco-Stem Meal	Baltimore	1.16	**1.17**	....	....	....	....	....	....	....	4.00	**4.20**
F. W. Tunnell & Co., Inc., Philadelphia, Pa.												
Potato and Truck Manure	Colora	2.00	**2.17**	1.00	**.93**	1.00	**1.34**	**.50**	8.00	**9.30**	10.00	**10.36**
Premier Potato Manure	Colora	4.00	**4.02**	3.00	**2.82**	1.00	**1.20**	**.30**	8.00	**9.00**	7.00	**8.00**
Veribest Cereal Manure	Colora	2.00	**2.05**	1.00	**.84**	1.00	**1.21**	**.60**	8.00	**9.20**	5.00	**4.86**
Wheat and Cereal Manure	Colora	1.00	**1.35**	.25	**.28**	.75	**1.07**	**.70**	9.00	**9.00**	4.00	**6.20**
E. S. Valliant & Son, Centreville, Md.												
Corn Mixture	Centreville	....	....	....	....	....	....	**.30**	7.00	**8.20**	7.00	**7.28**
Fish Brand Mixture	Centreville	2.00	**2.16**	1.40	**1.54**	.60	**.62**	**.30**	9.00	**9.60**	6.00	**6.04**
Keystone	Centreville	2.00	**2.05**	1.80	**1.59**	.20	**.46**	**.50**	8.00	**8.60**	5.00	**5.40**
Truck Special	Centreville	4.00	**4.07**	3.40	**3.27**	.60	**.80**	**.30**	9.00	**9.50**	6.00	**6.68**
W. H. Valliant & Bro., Bellevue, Md.												
Corn Special	Bellevue	3.00	**3.14**	1.50	**1.44**	1.50	**1.70**	....	....	....	5.00	**5.10**
Tomato Special	Bellevue	2.00	**2.11**	1.00	**.91**	1.00	**1.20**	**.50**	8.00	**9.80**	6.00	**6.10**
0-12-5	Bellevue	....	....	....	....	....	....	**.20**	12.00	**13.40**	5.00	**5.40**
Wheat Special	Bellevue	1.00	**1.10**	.50	**.45**	.50	**.65**	**.30**	8.00	**9.30**	4.00	**4.52**
Virginia-Carolina Chem. Corp., Balto., Md.												
V-C Superphosphate	Baltimore	....	....	....	....	....	....	**.70**	16.00	**17.30**	....	....
BloomAid, Tablet Form	Baltimore	10.00	**10.45**	10.00	**10.34**	0.00	....	**.20**	14.00	**16.10**	6.00	**6.94**
V-C Double Owl Brand	Baltimore	4.00	**4.00**	3.00	**2.49**	1.00	**1.51**	**1.00**	8.00	**8.50**	7.00	**6.64**
V-C Fish, Bone and Potash Brand Fertilizer	Baltimore	2.00	**2.25**	1.50	**1.50**	.50	**.77**	**1.10**	9.00	**9.70**	3.00	**3.14**
V-C Great Truck and Vegetable Compound	Baltimore	4.00	**4.30**	3.00	**2.67**	1.00	**1.62**	**1.00**	8.00	**8.80**	5.00	**5.20**
New Process Fertilizer	Baltimore	4.00	**4.00**	3.20	**2.92**	.80	**1.08**	**.10**	8.00	**9.10**	7.00	**7.34**
New Process Fertilizer	Baltimore	4.00	**4.11**	3.20	**3.02**	.80	**1.09**	**.10**	8.00	**9.00**	7.00	**7.34**
V-C Star Brand Fertilizer	Baltimore	1.00	**1.12**	.75	**.53**	.25	**.59**	**.90**	9.00	**9.80**	4.00	**4.36**
V-C Tobacco Bed Special	Baltimore	10.00	**9.71**	9.00	**8.13**	1.00	**1.45**	**.40**	5.00	**6.30**	2.00	**2.40**
Vito Garden Supply Co., Baltimore, Md.												
Vito	Baltimore	1.00	**1.05**	....	....	....	....	....	*.60	***.70**	.50	**.63**
Walker-Gordon Farms, Juliustown, N. J.												
Driconure	Baltimore	1.00	**1.76**	....	....	....	....	....	*1.00	***.90**	1.00	**1.40**
Westminster Fertilizer Co., Westminster, Md.												
Superphosphate	Westminster	....	....	....	....	....	....	**.10**	16.00	**20.00**	....	....
Leader	Westminster	1.00	**1.29**	.50	**.76**	.50	**.54**	**.20**	9.00	**9.40**	4.00	**4.40**
Super-A	Westminster	1.00	**1.19**	.50	**.70**	.50	**.49**	**.20**	11.00	**11.70**	2.00	**2.36**
2-8-5	Westminster	2.00	**2.18**	1.30	**1.57**	.70	**.66**	**.40**	8.00	**8.00**	5.00	**5.00**
Wil-Gro Company, Bridgeboro, N. J.												
Wil-Gro Flower Food	Baltimore	4.00	**4.35**	3.00	**3.03**	1.00	**1.32**	**1.70**	12.00	**15.80**	2.00	**4.40**

† Mineral and Organic findings do not substantiate manufacturers declaration.

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
A. S. Woolley Co., Inc., Seaford, Del.												
Pride	Federalsburg...	4.00	**4.10**	2.00	**2.34**	2.00	**1.76**	**.40**	8.00	**11.30**	5.00	**5.06**
Success	Federalsburg...	2.00	**2.02**	.75	**1.00**	1.25	**1.02**	**.60**	8.00	**11.70**	5.00	**5.08**
Worcester Fertilizer Co., Inc., Snow Hill, Md.												
Superphosphate 16%	Snow Hill.....	....	....	....	....	....	....	**.40**	16.00	**17.50**	....	....
Correct Plant Food Mixture 4-8-5	Snow Hill.....	4.00	**4.17**	2.80	**3.09**	1.20	**1.08**	**.60**	8.00	**8.10**	5.00	**6.20**
Correct Plant Food Mixture 4-8-5	Snow Hill.....	4.00	**4.23**	2.80	**2.64**	1.20	**1.59**	**.20**	8.00	**8.50**	5.00	**5.60**
Correct Plant Food Mixture 4-8-7	Snow Hill.....	4.00	**4.21**	2.40	**2.61**	1.60	**1.60**	**.50**	8.00	**8.80**	7.00	**8.06**
Correct Plant Food Mixture. 1-9-4	Snow Hill.....	1.00	**1.15**	.80	**.84**	.20	**.31**	**.70**	9.00	**9.10**	4.00	**4.90**
†Correct Plant Food Mixture 6-6-5	Snow Hill.....	6.00	**6.11**	4.20	**4.83**	1.80	**1.28**	**.40**	6.00	**6.50**	5.00	**7.00**
Correct Plant Food Mixture 3-8-8	Snow Hill.....	3.00	**3.23**	2.10	**2.56**	.90	**.67**	**.50**	8.00	**8.10**	8.00	**8.76**
Correct Plant Food Mixture 3-3-15	Snow Hill.....	3.00	**3.00**	2.10	**2.19**	.90	**.81**	**.40**	3.00	**4.70**	15.00	**15.84**
Correct Plant Food Mixture 2-8-10	Snow Hill.....	2.00	**2.32**	....	**1.63**	....	**.69**	**.50**	8.00	**8.40**	10.00	**10.34**
Correct Plant Food Mixture 2-8-5	Snow Hill.....	2.00	**2.18**	1.60	**1.87**	.40	**.31**	**.90**	8.00	**8.90**	5.00	**5.34**

† Mineral and Organic findings do not substantiate manufacturers declaration.

FEED ANALYSES

A detailed report of the results obtained in the inspection and analysis of feeds from January 1, 1932, to July 1, 1932, is contained in pages 30 to 69 inclusive.

MANUFACTURER AND ADDRESS	NAME OF FEED
Acme-Evans Co., Indianapolis, Ind.	†Acme Pure Bran
Agricultural Corp. of Md., Balto., Md.	Maryland Supplement 32% Dairy Ration
" " "	Maryland Supplement 32% Dairy Ration
" " "	†Maryland Supplement 32% Dairy Ration
" " "	Maryland Special 32% Dairy Ration
" " "	†Maryland Special 32% Dairy Ration
" " "	†Maryland Moremilk 24% Dairy Ration
" " "	†Maryland Productive 24% Dairy Ration
" " "	Maryland Farm Bureau 16% Dairy Feed
" " "	†Md. Laying Mash No. 3, with Alfalfa Leaf Meal
" " "	Md. Laying Mash No. 3, with Alfalfa Leaf Meal
" " "	†Maryland Farm Bureau Egg Mash No. 1
" " "	Maryland Egg Mash No. 1
" " "	†Maryland Horse Feed 85%
" " "	†Maryland Calf Meal
" " "	Maryland Chick Grains
" " "	†Maryland Chick Grains
Akron Feed Mills, Akron, Ohio.	†Ohio Laying Mash
" " "	†Portage Chick Feed
" " "	†Ohio Scratch Feed
G. A. Allender, Elkton, Md.	Dandy 24% Dairy Feed
" " "	Dandy Laying Mash
" " "	Dandy 18% Laying Mash
" " "	Dandy Starting and Growing Mash
" " "	Dandy Scratch Feed
Allied Mills, Inc., Chicago, Ill.	Wayne 32% Farm Mix Dairy Feed
" " "	Wayne 20% Supreme Dairy Feed
" " "	Wayne 16½% Dairy Feed
" " "	†Corn Distillers' Dried Grains
" " "	†Brewers' Dried Grains
" " "	Brewers' Dried Grains
" " "	Red Feather Egg Mash
" " "	Wayne Egg Mash
" " "	Wayne Egg Mash
" " "	Wayne Poultry Fattener
" " "	Wayne All Mash Chick St'er, with Cod Liver Oil
" " "	Wayne All Mash Chick Starter
" " "	†Wayne Starter and Grower
" " "	†Wayne Rabbit Feed
Anderson Grain & Feed Co., York, Pa.	Laying Mash, with DBM
Arcady Farms Milling Co., Chicago, Ill.	*32% Dairy Feed
" " "	Wonder Dairy Ration
" " "	†Milkers Ready Ration
" " "	†Peerless Milk Ration
" " "	Arcady Dairy Feed
" " "	†Sweet 16 Dairy Feed
" " "	Besbet Laying Mash
" " "	Besbet Laying Mash

* Means deficient in protein or fat.
† Not licensed at time of sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Derwood	11.48	15.50	**15.62**	3.75	**3.62**	10.00	**9.28**	6.38	53.62	As declared on sack
Adamstown	8.88	32.00	**32.22**	4.50	**4.23**	9.00	**6.62**	7.32	40.73	As declared on sack
Easton	9.31	32.00	**32.27**	4.50	**4.31**	9.00	**7.36**	8.24	38.51	" "
Cumberland	8.06	32.00	**33.76**	4.50	**4.15**	9.00	**6.79**	8.19	39.05	" "
Walkersville	9.58	32.00	**33.93**	5.00	**4.83**	9.00	**6.48**	7.89	37.29	A.
Easton	8.09	32.00	**34.75**	5.00	**5.12**	9.00	**7.16**	8.50	36.38	As declared on sack
Cumberland	9.55	24.00	**24.51**	4.50	**4.37**	9.00	**6.82**	7.43	47.32	" "
Cumberland	9.39	24.00	**24.46**	4.00	**4.25**	9.00	**7.52**	7.67	46.71	" "
Adamstown	11.20	16.00	**22.34**	3.50	**4.85**	12.00	**7.80**	8.50	45.31	" "
Cumberland	11.41	18.50	**19.22**	4.00	**4.53**	7.50	**7.13**	7.62	50.09	B.
Easton	10.23	18.50	**19.57**	4.00	**4.65**	7.50	**5.94**	8.30	51.31	B.
Cumberland	10.31	20.00	**20.53**	4.00	**5.58**	7.00	**4.49**	8.10	50.99	C.
Easton	9.84	20.00	**21.32**	4.00	**5.78**	7.00	**4.93**	9.47	48.66	B.
Easton	10.57	9.00	**10.52**	3.00	**2.98**	9.00	**6.00**	1.75	68.18	As declared on sack
Easton	9.01	18.50	**18.60**	3.00	**3.56**	4.00	**2.67**	7.33	58.83	" "
Walkersville	11.46	10.00	**11.06**	2.00	**2.68**	3.00	**1.58**	1.61	71.61	" "
Easton	11.67	10.00	**11.76**	2.00	**2.87**	3.00	**1.61**	1.47	70.62	" "
Grantsville	10.79	18.00	**18.95**	4.00	**4.85**	6.00	**6.21**	8.64	50.56	As declared on sack
Grantsville	12.38	9.00	**12.11**	3.00	**3.83**	5.00	**2.21**	2.25	67.22	" "
Grantsville	13.81	9.00	**10.09**	2.50	**2.73**	5.00	**2.32**	1.70	69.35	" "
Elkton	8.95	24.00	**25.65**	4.00	**5.03**	9.00	**9.36**	7.06	43.95	D.
Elkton	10.11	20.00	**21.94**	4.50	**5.52**	9.00	**7.74**	9.10	45.59	As declared on sack
Elkton	9.00	18.00	**19.37**	3.50	**4.25**	14.00	**11.41**	7.18	48.79	" "
Elkton	9.61	17.00	**18.16**	3.50	**5.48**	6.00	**4.31**	7.20	55.24	" "
Elkton	11.42	9.00	**10.79**	2.50	**3.21**	5.00	**3.60**	1.90	69.08	" "
Cumberland	8.87	32.00	**32.40**	4.00	**4.69**	9.00	**5.48**	10.58	37.98	As declared on sack
Cumberland	10.46	20.00	**20.80**	3.50	**4.03**	12.50	**6.16**	8.50	50.05	" "
White Hall	9.94	16.50	**19.08**	3.50	**5.04**	12.00	**10.17**	9.45	46.32	" "
Easton	8.37	26.00	**30.01**	9.00	**9.64**	15.00	**9.72**	4.70	37.56	" "
Easton	5.87	20.00	**25.45**	4.50	**5.53**	18.00	**13.48**	4.47	45.20	" "
Queen Anne	5.11	20.00	**24.83**	4.50	**5.12**	18.00	**14.17**	4.77	46.00	" "
Lineboro	8.62	18.00	**19.74**	3.50	**5.11**	8.00	**6.32**	9.01	51.20	" "
White Hall	9.76	18.00	**18.60**	3.50	**5.27**	7.00	**5.59**	8.40	52.38	" "
Cumberland	10.92	18.00	**18.69**	3.50	**5.42**	7.00	**4.55**	8.90	51.52	" "
White Hall	9.01	13.50	**16.67**	4.00	**5.87**	6.00	**5.05**	3.56	59.84	E.
Cumberland	11.03	17.00	**17.89**	4.00	**5.07**	6.00	**4.87**	8.39	52.75	As declared on sack
Maugansville	11.24	17.00	**17.02**	4.00	**4.63**	6.00	**4.73**	7.90	54.48	" "
Maugansville	10.73	16.00	**19.92**	3.50	**5.34**	6.00	**4.97**	9.59	49.45	" "
Baltimore	10.69	13.00	**15.97**	3.50	**3.65**	8.00	**6.36**	5.75	57.58	" "
Pikesville	7.98	20.00	**21.67**	4.00	**5.53**	8.00	**6.09**	9.57	49.16	D.
Reid	9.41	32.00	**31.99**	5.50	**3.79**	9.00	**7.34**	6.90	40.57	As declared on sack
Hagerstown	10.78	24.00	**24.01**	4.00	**3.59**	10.00	**9.00**	7.53	45.09	" "
Frostburg	11.51	22.00	**22.66**	4.00	**3.84**	12.00	**9.52**	8.92	43.55	" "
Salisbury	10.39	20.00	**20.23**	4.00	**3.76**	12.00	**7.18**	8.05	50.39	" "
Walkersville	11.17	16.00	**16.15**	4.00	**4.42**	12.50	**10.24**	9.43	48.59	F.
Frostburg	11.75	16.00	**17.98**	4.00	**3.63**	12.50	**10.78**	9.37	46.49	As declared on sack
Salisbury	9.05	20.00	**20.62**	4.00	**4.68**	9.00	**5.31**	13.70	46.64	" "
Clinton	10.56	20.00	**21.41**	4.00	**4.51**	9.00	**5.55**	14.08	43.89	" "

A—Also detected Corn Gluten Feed.
B—Unable to detect Wheat Bran.
C—Unable to detect Wheat Bran—also detected Corn Gluten.
D—Ingredients on sack differ from license.
E—Also detected Soy Bean Oil Meal.
F—Also detected Whole Weed Seeds.

MANUFACTURER AND ADDRESS	NAME OF FEED
Arcady Farms Milling Co., Chicago, Ill. (Continued)	Wonder Laying Mash
" " "	†*Wonder 30% Poultry Supplement
" " "	†Wonder Complete Broiler Ration
" " "	Wonder Starting Mash
" " "	†Wonder Calf Meal
" " "	Wonder Horse and Mule Feed
" " "	†Wonder Horse and Mule Feed
" " "	Arcady Hog Meal
" " "	†Arcady Developing Grains
" " "	†Sunkist Chick Grains
" " "	†Arcady Chick Grains
" " "	Arcady Scratch Grains
" " "	†Arcady Scratch Grains
" " "	Wonder Scratch Grains
" " "	†Wonder Rabbit Feed
Archer-Daniels-Midland Co., Minneapolis, Minnesota.	Soybean Oil Meal
Ashcraft-Wilkinson Co., Atlanta, Ga.	Prime Peanut Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
Baltimore Feed & Grain Co., Balto., Md.	BBL. Fish Meal
" " "	BBL. Fish Meal
" " "	BBL. Fish Meal
" " "	†BBL. 32% Dairy Feed
" " "	*BBL. 24% Dairy Feed, with Mol. and Minerals.
" " "	*BBL. 20% Dairy Feed, with Mol. and Minerals.
" " "	*BBL. 20% Dairy Feed, with Mol. and Minerals.
" " "	BBL. 16½% Dairy Feed, with Mol. and Minerals
" " "	BBL. 16½% Dairy Feed, with Mol. and Minerals
" " "	BBL. Highest Quality Improved Laying Mash, with DBM. and Minerals
" " "	BBL. Improved Laying Mash, with DBM. and Mineral Supplement
" " "	BBL. Egg Mash
" " "	BBL. Egg Mash, with Milk and Minerals
" " "	BBL. Cod-Milk-O-Lay, with DBM., Cod Liver Oil and Mineral Supplement
" " "	BBL. Cod-Milk-O-Gro, with DBM., Cod Liver Oil and Mineral Supplement
" " "	BBL. Broiler Mash
" " "	BBL. Hog Feed
" " "	BBL. Cod-Milk-O-Chick Starter, DBM., Cod Liver Oil and Mineral Supplement
" " "	BBL. All Mash Chick Starter, with DBM., Cod Liver Oil and Minerals
" " "	BBL. Chick Developer
" " "	*BBL. Baby Chick Feed
" " "	†*BBL. Special Scratch Feed
" " "	BBL. Recleaned Scratch Feed

* Means deficient in protein or fat.
† Not licensed at time of sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Hagerstown.....	9.28	20.00	**21.06**	4.50	**5.36**	8.00	**5.97**	13.38	44.95	As declared on sack
Hagerstown.....	8.58	30.00	**33.43**	6.00	**5.47**	7.00	**5.24**	16.59	30.69	" "
Clinton.....	10.93	17.00	**18.78**	4.00	**5.21**	5.00	**4.70**	7.58	52.80	A.
Hagerstown.....	10.37	13.00	**14.48**	4.00	**4.00**	5.00	**4.12**	8.30	58.73	As declared on sack
Hagerstown.....	9.19	25.00	**26.59**	5.00	**5.43**	7.00	**4.85**	5.80	48.14	" "
Baltimore.....	13.33	9.00	**9.48**	3.00	**3.38**	10.00	**7.44**	3.51	62.86	" "
Frostburg.....	12.75	9.00	**10.45**	3.00	**3.58**	10.00	**7.89**	4.99	60.34	" "
Clinton.....	11.92	15.00	**16.84**	3.50	**4.60**	7.00	**6.94**	9.64	50.06	B.
Salisbury.....	11.26	10.00	**10.88**	2.50	**3.25**	5.00	**2.14**	1.58	70.89	As declared on sack
Clinton.....	12.32	10.00	**11.06**	2.50	**3.59**	5.00	**1.91**	1.64	69.48	" "
Salisbury.....	11.74	10.00	**11.76**	2.50	**3.24**	5.00	**1.93**	1.50	69.83	" "
Salisbury.....	12.25	10.00	**11.67**	2.50	**2.70**	5.00	**2.41**	1.13	69.84	" "
Frostburg.....	12.69	10.00	**11.23**	2.50	**2.42**	5.00	**2.55**	1.46	69.65	" "
Clinton.....	12.16	10.00	**10.97**	2.50	**3.04**	5.00	**2.47**	1.88	69.48	" "
Hagerstown.....	10.38	12.00	**13.82**	3.50	**3.32**	7.00	**7.06**	7.16	58.26	" "
Hagerstown.....	10.08	41.00	**43.35**	4.50	**5.30**	7.00	**5.39**	6.19	29.69	As declared on sack
Frederick.....	6.61	45.00	**44.58**	6.00	**7.96**	10.00	**9.80**	5.55	25.50	As declared on sack
Sykesville.....	8.39	41.00	**41.86**	5.50	**6.77**	10.00	**10.20**	7.17	25.61	" "
Mt. Airy.....	6.07	41.00	**41.68**	5.50	**7.52**	10.00	**9.67**	6.93	28.13	" "
Frederick.....	6.42	41.00	**42.56**	5.50	**6.53**	10.00	**9.62**	6.65	28.22	" "
Baltimore.....	7.20	41.00	**41.68**	5.50	**6.16**	10.00	**9.05**	7.65	28.26	" "
Baltimore.....	8.68	55.00	**60.81**	6.00	**8.53**	2.00	**.42**	20.03	1.53	As declared on sack
Preston.....	8.86	55.00	**60.64**	6.00	**9.86**	2.00	**.43**	18.72	1.49	" "
Baltimore.....	9.24	55.00	**61.60**	6.00	**7.77**	2.00	**1.22**	18.80	1.37	" "
Queen Anne.....	9.55	32.00	**32.07**	4.00	**3.92**	7.50	**5.58**	7.74	41.14	" "
Queen Anne.....	9.16	24.00	**23.99**	5.00	**3.83**	8.00	**7.03**	7.48	48.51	" "
Hebron.....	8.34	20.00	**21.06**	5.00	**4.13**	12.00	**7.59**	8.06	50.82	" "
Baltimore.....	9.81	20.00	**21.46**	5.00	**4.15**	12.00	**7.13**	7.87	49.58	" "
Baltimore.....	11.11	16.50	**18.72**	3.00	**3.30**	13.00	**6.45**	8.82	51.60	B.
Queen Anne.....	8.21	16.50	**17.71**	3.00	**3.22**	13.00	**6.73**	8.53	55.60	B.
Hebron.....	8.37	20.00	**22.99**	4.00	**7.10**	6.50	**5.83**	10.26	45.45	As declared on sack
Baltimore.....	9.74	20.00	**20.36**	4.00	**6.71**	6.50	**5.98**	10.75	46.46	" "
Queen Anne.....	9.87	20.00	**20.45**	4.50	**5.62**	7.00	**5.87**	10.58	47.61	" "
Baltimore.....	10.48	20.00	**20.71**	4.50	**5.35**	7.00	**5.57**	11.33	46.56	" "
Baltimore.....	9.84	20.00	**21.32**	4.00	**7.28**	6.50	**5.95**	10.53	45.08	" "
Baltimore.....	9.57	18.00	**19.66**	4.50	**7.02**	6.50	**5.94**	9.93	47.88	" "
Baltimore.....	9.11	17.00	**18.52**	4.50	**5.42**	5.50	**5.16**	8.47	53.32	" "
Baltimore.....	9.76	18.00	**18.25**	4.50	**5.44**	8.00	**6.29**	8.30	51.96	" "
Baltimore.....	10.57	16.00	**16.67**	4.50	**5.29**	5.00	**3.72**	7.21	56.54	" "
Baltimore.....	10.07	14.00	**15.18**	4.00	**5.66**	3.00	**1.55**	6.78	60.76	" "
Baltimore.....	11.35	10.00	**10.27**	3.00	**3.17**	3.00	**2.46**	2.16	70.59	" "
Baltimore.....	11.28	10.00	**10.71**	3.00	**2.26**	3.00	**2.59**	1.95	71.21	" "
Hebron.....	12.72	10.50	**10.00**	3.50	**2.78**	2.50	**1.92**	1.49	71.09	" "
Baltimore.....	11.48	10.00	**11.41**	3.00	**2.67**	3.00	**2.66**	1.85	69.93	" "

A—Ingredients on sack differ from license.
B—Also detected Whole Weed Seeds.

MANUFACTURER AND ADDRESS	NAME OF FEED
Baltimore Feed & Grain Co. (Continued)	Victory Brand Scratch Feed
" " "	Victory Brand Scratch Feed
" " "	BBL. Special Breeding Pigeon Feed
Barker, Moore & Mein Co., Phila., Pa.	Poultry Powder
Baugh & Sons Co., Baltimore, Md.	55% Fish Meal
" " "	55% Fish Meal
" " "	Sterilized Steamed Bone for Feeding
" " "	60% Digester Tankage
J. P. Bennett & Sons, Mardela Springs, Md.	Best Laying Mash
" " "	Best Growing Mash
" " "	Best Hog Feed
" " "	Best Scratch Feed
Berlin Milling Co., Berlin, Md.	Economy Laying Mash
Berlin Milling Co., Inc., Salisbury, Md.	Pure Wheat Bran
" " "	Pure Wheat Flour Middlings
Geo. W. Biles Co., Inc., Providence, Md.	Cecil County High Protein Dairy Feed
" " "	Cecil County Dairy Feed
" " "	Cecil County Laying Mash
Bisbee Linseed Co., Philadelphia, Pa.	Linseed Meal
W. H. Blakeslee, Wye Mills, Md.	Pure Wheat Bran
" " "	‡Pure Wheat Middlings
Blamberg Bros., Inc., Baltimore, Md.	†Cornell Brand Laying Mash
" " "	†Cornell Brand Growing Feed
" " "	†Cornell Brand Chick Starter, with DBM., Cod Liver Oil and Protozyme
" " "	†Cornell Brand All Grain Chick Developer
" " "	†Cornell Brand Chick Feed
" " "	†Cornell Brand Scratch Feed
" " "	†Cornell Brand No. 2 Pigeon Feed
" " "	†Cornell Br. No. 4 Pigeon Feed, with Whole Corn
Bowman Brothers, Gaithersburg, Md.	Pure Wheat Bran
" " "	Pure Wheat Middlings, with G. S.
Bradley & Baker, New York, N. Y.	†Dried Beet Pulp
Breathedsville Ex'ge, Breathedsville, Md.	Pure Wheat Bran
" " "	Pure Wheat Middlings
" " "	Pure Wheat Middlings
F. W. Brode' Corp., Memphis, Tenn.	†Owl Brand 41% Prime Cotton Seed Meal
" " "	Owl Brand 41% Prime Cotton Seed Meal
" " "	Owl Brand 41% Prime Cotton Seed Meal
P. M. Brooks, Chestertown, Md.	Rose Bud Egg Mash
" " "	Pure Wheat Bran
" " "	Pure Wheat Middlings

† Not licensed at time of sale.
‡ Means deficient in both protein and fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore.....	12.58	10.00	**10.09**	3.00	**3.38**	3.00	**2.55**	1.86	69.54	As declared on sack
Baltimore.....	12.47	10.00	**10.27**	3.00	**3.25**	3.00	**2.61**	1.86	69.54	" "
Baltimore.....	11.31	14.00	**13.16**	3.00	**4.95**	4.00	**4.27**	3.10	63.21	" "
Hampstead.....	6.73	15.00	**19.74**	3.50	**6.76**	16.00	**9.45**	24.97	32.35	As declared on sack
Providence.....	8.07	55.00	**60.11**	8.00	**8.80**	3.00	**.52**	19.20	3.30	As declared on sack
Taneytown.....	8.33	55.00	**59.94**	5.00	**9.04**	3.00	**.66**	20.83	1.20	" "
Taneytown.....	4.26	5.00	**7.28**	.20	**.52**	4.00	**1.40**	84.00	2.54	" "
Woodbine.....	8.91	60.00	**60.64**	5.00	**6.74**	3.00	**1.33**	20.20	2.18	A.
Mardela Springs.	9.13	20.00	**22.46**	4.00	**5.24**	9.00	**6.84**	11.15	45.18	As declared on sack
Mardela Springs.	9.47	16.00	**18.69**	4.00	**4.01**	8.00	**4.69**	7.17	55.97	" "
Mardela Springs.	10.91	16.00	**17.11**	4.00	**3.90**	10.00	**4.82**	5.65	57.61	B.
Mardela Springs.	7.54	10.00	**10.35**	3.00	**2.94**	4.00	**2.88**	1.67	74.62	C.
Salisbury.....	9.51	19.00	**20.18**	5.00	**5.41**	6.50	**6.26**	9.90	48.74	As declared on sack
Salisbury.....	9.47	14.00	**15.18**	4.00	**4.14**	11.00	**9.85**	7.06	54.30	As declared on sack
Salisbury.....	11.62	14.50	**14.83**	4.00	**3.67**	5.00	**2.41**	2.47	65.00	" "
Providence.....	7.21	32.00	**34.22**	5.00	**4.82**	9.00	**7.24**	10.20	36.31	As declared on sack
Providence.....	9.50	24.00	**26.76**	5.00	**5.78**	9.00	**7.90**	4.97	45.09	D.
Providence.....	9.41	20.00	**23.87**	4.00	**4.85**	8.00	**6.40**	10.17	45.30	As declared on sack
Cardiff.....	8.43	34.00	**34.22**	5.00	**5.43**	10.00	**8.06**	6.72	37.14	As declared on sack
Wye Mills.....	9.34	14.00	**15.88**	3.50	**3.71**	10.00	**6.65**	4.74	59.68	As declared on sack
Wye Mills.....	12.07	14.00	**12.29**	4.00	**2.91**	5.00	**1.86**	1.70	69.17	" "
Baltimore.....	8.09	20.00	**20.01**	4.00	**4.80**	8.00	**6.60**	11.06	49.44	E.
Baltimore.....	8.90	17.25	**21.15**	3.50	**5.36**	8.50	**4.98**	11.74	47.87	As declared on sack
Baltimore.....	8.31	12.50	**16.23**	3.50	**5.35**	5.00	**3.58**	10.74	55.79	B.
Baltimore.....	11.31	10.70	**11.85**	3.50	**3.65**	3.50	**2.32**	1.67	69.20	As declared on sack
Baltimore.....	11.71	10.70	**11.58**	3.50	**4.25**	3.50	**2.27**	2.18	68.01	" "
Baltimore.....	11.37	10.50	**10.71**	3.50	**3.13**	4.00	**2.88**	1.96	69.95	" "
Baltimore.....	11.38	14.00	**15.27**	3.00	**4.20**	4.00	**4.31**	2.44	62.40	F.
Baltimore.....	11.57	13.50	**14.74**	2.60	**3.79**	4.30	**3.39**	2.10	64.41	As declared on sack
Gaithersburg....	11.21	13.50	**16.67**	3.20	**3.29**	9.27	**9.48**	5.70	53.65	As declared on sack
Gaithersburg....	11.22	14.00	**16.67**	4.00	**3.71**	10.00	**3.91**	2.66	61.83	" "
Baltimore.....	7.88	7.50	**9.21**	.50	**.47**	20.00	**19.44**	4.92	58.08	As declared on sack
Breathedsville...	10.41	15.00	**16.67**	4.00	**3.77**	8.00	**4.09**	6.42	58.64	As declared on sack
Breathedsville...	12.27	15.00	**16.15**	3.00	**2.63**	3.00	**2.38**	2.33	64.24	" "
Sharpsburg.....	11.21	15.00	**16.76**	3.00	**2.98**	3.00	**3.20**	2.58	63.27	" "
Lineboro	6.29	41.00	**43.44**	5.00	**6.76**	10.00	**9.55**	7.13	26.83	As declared on sack
Barnesville.....	10.87	41.00	**41.68**	5.00	**5.93**	10.00	**9.61**	7.35	24.56	" "
Gaithersburg....	6.78	41.00	**41.24**	5.00	**8.09**	10.00	**8.27**	6.30	29.32	" "
Chestertown....	8.56	19.00	**19.13**	4.50	**5.15**	7.00	**7.03**	12.50	47.63	As declared on sack
Chestertown....	7.37	14.00	**15.01**	3.50	**4.33**	10.00	**10.44**	6.72	56.13	" "
Chestertown....	10.38	14.00	**15.27**	3.50	**3.63**	5.00	**3.22**	2.62	64.88	" "

A—Also detected Vegetable Fibrous Material. B—Ingredients on sack differ from license.
C—Protein and Fat guarantee and Ingredients on sack differ from license.
D—Fat guarantee on sack differs from license. Also detected Soy Bean Oil Meal.
E—Also detected Ground Milo and/or Kaffir. F—Unable to detect Vetch.

MANUFACTURER AND ADDRESS	NAME OF FEED
Cairo Meal & Cake Co., Cairo, Ill.	Miss Cairo Brand Prime Cotton Seed Meal....
Cambridge Mfg. Co., Cambridge, Md.	New Vim Molasses Dairy Feed .....
" " "	New Vim Molasses Dairy Feed .....
" " "	New Vim Molasses Dairy Feed .....
" " "	New Vim Molasses Dairy Feed .....
" " "	Moore's Laying Mash.....
" " "	Gets Em Laying Mash.....
" " "	Broiler Mash.....
" " "	Pure Wheat Bran.....
" " "	Pure Wheat Middlings.....
" " "	*New Vim Scratch Feed .....
" " "	New Vim Scratch Feed Medium .....
A. B. Caple Company, Toledo, Ohio.	†Alfalfa Leaf Meal .....
Cardiff Milling Co., Cardiff, Md.	Daisy Laying Mash .....
" " "	Pure Wheat Bran.....
" " "	‡Pure Wheat Middlings.....
Jesse C. Carr, Vale, Md.	Pure Wheat Bran.....
" " "	Pure Wheat Middlings.....
" " "	‡Pure Corn Bran.....
Carter & Yates Milling Co., Church Hill, Maryland.	*Red Star Lay Mash.....
	Red Star Pig and Hog Meal.....
Cecil County Milling Co., Rising Sun, Md.	†Rising Sun Brand Dairy Feed.....
" " "	†Rising Sun Brand Dairy Feed.....
" " "	†Rising Sun Brand Dairy Feed.....
" " "	†Rising Sun Brand Laying Mash, with DBM. ...
" " "	†Rising Sun Brand Scratch Feed.....
Central Chemical Co., Inc., Balto., Md.	"Gro-All" Meat Scraps 55%.....
" " "	"Gro-All" Meat Scraps 55%.....
" " "	"Gro-All" Meat and Bone Scraps 50%.....
" " "	"Gro-All" Meat and Bone Scraps 50%.....
" " "	"Gro-All" Meat and Bone Scraps 50%.....
" " "	"Gro-All" Meat and Bone Scraps 50%.....
" " "	"Gro-All" Meat and Bone Scraps 50%.....
" " "	"Gro-All" Meat and Bone Scraps 50%.....
" " "	"Gro-All" Meat and Bone Scraps 50%.....
" " "	"Gro-All" Meat and Bone Scraps 50%.....
" " "	†"Gro-All" Meat and Bone Scraps 50%.....
" " "	"Gro-All" Meat and Bone Scraps 45%.....
" " "	"Gro-All" Meat and Bone Scraps 45%.....
" " "	"Gro-All" Meat and Bone Scraps 45%.....
" " "	"Gro-All" Poultry Bone Meal 20%.....
" " "	"Gro-All" Fish Meal 55%.....
" " "	"Gro-All" Digester Tankage 60%.....
Central Feed Co., Baltimore, Md.	Yellow Yolk Egg Mash, with DBM.....

* Means deficient in protein or fat.
† Not licensed at time of sale.
‡ Means deficient in both protein and fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Providence.....	8.06	41.00	**41.42**	6.00	**6.40**	10.00	**9.06**	7.14	27.92	As declared on sack
Cambridge.....	8.99	32.00	**33.01**	4.50	**5.03**	9.00	**6.69**	8.08	38.20	As declared on sack
Cambridge.....	10.51	20.00	**22.32**	4.50	**4.11**	10.00	**7.58**	8.37	47.11	A.
Cambridge.....	9.45	16.00	**17.46**	3.00	**3.24**	12.00	**9.79**	8.29	51.77	B.
Queen Anne.....	8.35	16.00	**16.98**	3.00	**3.43**	12.00	**12.64**	9.50	49.10	B.
Cambridge.....	9.57	20.00	**19.92**	5.00	**5.36**	5.00	**5.81**	12.07	47.27	As declared on sack
Queen Anne.....	8.95	20.00	**20.41**	5.00	**5.31**	7.00	**6.86**	11.05	47.42	" "
Cambridge.....	10.95	17.00	**17.20**	4.00	**4.87**	5.00	**3.15**	7.64	56.19	" "
Cambridge.....	8.54	14.00	**13.95**	4.00	**4.65**	10.00	**10.72**	6.90	55.24	" "
Cambridge.....	10.81	14.50	**15.36**	4.00	**4.62**	5.00	**3.05**	3.29	62.87	" "
Cambridge.....	10.27	9.00	**10.00**	3.00	**2.06**	10.00	**2.15**	1.66	73.86	" "
Cambridge.....	10.50	9.00	**10.09**	2.50	**2.16**	4.00	**1.98**	1.36	73.91	" "
Rising Sun.....	11.46	20.00	**20.18**	1.00	**2.69**	18.00	**15.40**	11.34	38.93	As declared on sack
Cardiff.....	9.23	20.00	**20.62**	4.00	**5.38**	6.55	**4.77**	9.96	50.04	As declared on sack
Cardiff.....	10.22	13.50	**15.18**	3.50	**3.05**	10.00	**8.34**	5.43	57.78	" "
Cardiff.....	12.32	14.00	**12.46**	3.50	**2.29**	6.00	**1.50**	1.27	70.16	" "
Vale.....	10.47	14.00	**15.27**	3.50	**3.27**	5.00	**7.49**	5.14	58.36	As declared on sack
Vale.....	10.88	14.00	**16.23**	3.50	**4.31**	5.00	**4.48**	3.40	60.70	" "
Vale.....	9.89	9.00	**6.58**	5.00	**3.11**	12.00	**15.09**	1.02	64.31	" "
Centreville.....	9.71	20.00	**20.62**	6.00	**4.90**	8.00	**8.04**	8.67	48.06	As declared on sack
Centreville.....	10.01	18.00	**18.60**	3.50	**4.56**	7.00	**5.60**	4.82	56.41	" "
Rising Sun.....	8.51	32.00	**32.72**	3.50	**3.78**	9.00	**8.15**	8.25	38.59	As declared on sack
Rising Sun.....	9.78	24.00	**24.94**	3.50	**4.00**	10.00	**9.54**	8.26	43.48	" "
Rising Sun.....	11.18	16.00	**19.11**	3.50	**3.86**	12.00	**6.55**	7.24	52.06	" "
Rising Sun.....	8.70	20.00	**21.76**	4.50	**4.27**	5.00	**4.99**	9.65	50.63	" "
Rising Sun.....	10.31	10.00	**10.79**	3.50	**3.00**	5.00	**2.28**	1.57	72.05	" "
Baltimore.....	5.34	55.00	**55.02**	8.00	**11.91**	2.00	**1.93**	23.47	2.33	As declared on sack
Pocomoke City..	6.07	55.00	**55.29**	8.00	**7.66**	2.00	**2.05**	28.78	.15	C.
Lineboro	6.57	50.00	**51.07**	8.00	**10.46**	2.00	**1.73**	29.46	.71	As declared on sack
Baltimore.....	5.78	50.00	**50.46**	8.00	**8.94**	2.00	**2.42**	32.14	.26	"
Baltimore.....	6.53	50.00	**50.02**	8.00	**10.01**	2.00	**1.80**	29.56	2.08	" "
Hampstead.....	6.03	50.00	**50.90**	8.00	**12.66**	2.00	**1.55**	25.80	3.06	" "
Owings Mills....	5.98	50.00	**51.95**	8.00	**11.38**	2.00	**2.00**	25.58	3.11	" "
Mardela Springs.	6.84	50.00	**49.32**	8.00	**11.60**	2.00	**1.72**	28.32	2.20	" "
Baltimore.....	7.71	50.00	**52.48**	8.00	**9.86**	2.00	**1.91**	25.84	2.[illegible]	" "
Frederick.....	5.53	50.00	**50.72**	8.00	**11.19**	2.00	**2.49**	27.40	2.[illegible]	" "
Baltimore.....	7.61	50.00	**49.58**	8.00	**11.50**	2.00	**1.81**	28.90	.60	" "
Westminster....	5.68	45.00	**46.07**	8.00	**9.03**	2.00	**1.42**	33.[illegible]	3.84	" "
Baltimore.....	6.56	45.00	**47.12**	8.00	**10.71**	2.00	**1.82**	33	[illegible]	" "
Salisbury.....	6.63	45.00	**47.83**	8.00	**11.98**	2.00	**2.01**	2[illegible]	[illegible]	" "
Hagerstown.....	6.47	20.00	**23.69**	2.00	**4.58**	2.00	**.73**	[illegible]	[illegible]	" "
Frederick.....	8.42	55.00	**59.41**	6.00	**6.41**	1.00	**.8[illegible]**	[illegible]	[illegible]	" "
Hagerstown.....	5.56	60.00	**63.33**	8.00	**7.60**	2.00	**1.[illegible]**	[illegible]	[illegible]	" "
Baltimore.....	9.16	20.00	**23.96**	4.00	**5.42**	10.00	**8.[illegible]**	[illegible]	[illegible]	" "

A—Fat guarantee on sack differs from license. Also detected [illegible]
B—Also detected Whole Weed Seeds.
C—Should be designated as Meat and Bone Scraps.
D—Also detected Vegetable Fibrous Material.

MANUFACTURER AND ADDRESS	NAME OF FEED
Chapin & Company, Hammond, Ind.	Unicorn Dairy Ration 24%.....
" " "	Unicorn Dairy Ration 24%.....
" " "	Rabbit Cookies.....
Chewsville Cooperative Association, Chewsville, Md.	Thrivont Milk Maker.....
	Thrivont Laying Mash, with BM. and Cod Liver Oil.....
" " "	Thrivont Stock Feed.....
" " "	*Thrivont Pig and Hog Meal.....
Harry Clipp, Sharpsburg, Md.	Egg Mash.....
J. Henry Clusman Co., Baltimore, Md.	†*C & O Feed.....
" " "	†Reliance Horse Feed.....
Collis Products Co., St. Paul, Minn.	Process Pure Dried Buttermilk.....
Commander Larabee Corp., Minneapolis, Minnesota.	Sunfed Red Dog.....
Community Mills, Liberty Grove, Md.	†Stivelys O. K. Laying Mash.....
" " "	†Pure Wheat Bran.....
" " "	†Pure Wheat Middlings.....
G. E. Conkey Co., Cleveland, Ohio.	Dairy Feed 32% Protein.....
" " "	Gecco Egg Mash, with Y-O.....
" " "	32% Supplement Poultry Mash, with Y-O.....
" " "	Gecco Growing Mash, with BM. and Y-O.....
" " "	(The Original) Starting Feed, with BM. and Y-O
" " "	All Mash Chick Ration, with Y-O.....
" " "	Chick Grains.....
" " "	Scratch Grains.....
" " "	Balanced Rabbit Feed, with Y-O.....
Continental Milling & Feed Co., Ellicott City, Md.	Polka Dot Dairy Feed 24%.....
" " "	Continental Dairy Feed 24%.....
" " "	Dairy Pride Dairy Feed 20%.....
" " "	Patapsco Dairy Feed 16%.....
" " "	Pre-Ferd Dairy Feed 16%.....
" " "	Polka Dot Laying Mash.....
" " "	Pre-Ferd Laying Mash.....
" " "	Polka Dot Growing Mash.....
" " "	Polka Dot Starter and Grower.....
" " "	Polka Dot Scratch Grains.....
" " "	Pre-Ferd Scratch Grains.....
" " "	Pre-Ferd Pigeon Feed.....
., Cumberland, Md.	†Rye Chop.....
"	†Corn and Oats Chop.....
"	†Coarse Corn Meal.....
scus, Md.	Mo Eg Laying Mash.....
"	Kings Special Hog Feed.....
"	*Pure Wheat Bran.....
"	Pure Wheat Middlings.....

*Means deficient in protein or fat.
†Not licensed at time of sale.
‡Means deficient in both of sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Walkersville....	9.44	24.00	**24.01**	4.50	**4.71**	10.00	**8.36**	9.56	43.92	As declared on sack
Baltimore.....	11.01	24.00	**23.55**	4.50	**4.30**	10.00	**8.33**	9.56	43.25	" "
Baltimore.....	9.09	18.00	**21.50**	4.50	**4.95**	10.00	**7.52**	5.75	51.19	" "
Chewsville.....	8.33	23.00	**26.41**	5.00	**4.67**	7.00	**10.20**	7.06	43.33	A.
Chewsville.....	9.62	19.00	**23.96**	5.00	**5.66**	8.00	**6.11**	10.44	44.21	As declared on sack
Chewsville.....	11.76	10.00	**12.44**	3.00	**3.50**	9.00	**8.46**	4.31	59.53	B.
Chewsville.....	10.66	15.00	**19.39**	5.00	**3.91**	8.00	**5.46**	6.20	54.38	A.
Sharpsburg.....	10.01	20.00	**24.13**	4.50	**5.57**	6.00	**5.37**	6.84	48.08	As declared on sack
Baltimore.....	9.67	12.00	**14.04**	5.00	**4.32**	7.25	**6.97**	2.56	62.44	As declared on sack
Baltimore.....	11.56	8.50	**10.23**	2.50	**2.86**	8.00	**7.42**	6.45	61.48	" "
Frederick.....	.....	30.00	**32.03**	5.00	x**8.03**	.....	.....	10.15	.....	As declared on sack
Baltimore.....	8.21	16.00	**23.87**	4.00	**5.06**	4.00	**3.04**	2.53	57.29	As declared on sack
Liberty Grove...	9.33	20.00	**21.59**	4.50	**5.57**	7.00	**8.30**	7.91	47.30	As declared on sack
Liberty Grove...	12.00	14.00	**15.18**	3.50	**3.73**	10.00	**8.51**	5.51	55.07	" "
Liberty Grove...	10.66	14.00	**15.36**	3.50	**4.72**	6.00	**3.82**	3.12	62.32	" "
Hagerstown.....	8.95	32.00	**33.32**	5.00	**4.59**	12.00	**7.51**	8.84	36.79	As declared on sack
Hagerstown.....	10.40	20.00	**21.94**	5.00	**5.37**	7.00	**4.45**	10.00	47.84	" "
Hagerstown.....	8.54	32.00	**35.28**	5.00	**7.94**	7.00	**4.82**	19.64	23.78	" "
Hagerstown.....	10.77	18.00	**19.13**	6.00	**6.36**	7.00	**5.10**	7.52	51.12	" "
Hagerstown.....	10.98	16.00	**16.94**	5.50	**5.61**	5.50	**3.67**	6.10	56.70	" "
Hagerstown.....	10.56	16.00	**15.18**	5.50	**6.35**	6.50	**4.95**	7.50	55.46	" "
Hagerstown.....	11.34	11.00	**14.74**	2.50	**4.48**	2.50	**2.05**	1.99	65.40	" "
Hagerstown.....	12.56	9.50	**10.18**	2.00	**2.59**	3.50	**2.52**	1.46	70.69	" "
Hagerstown.....	10.91	12.50	**14.74**	3.50	**4.77**	6.00	**3.75**	2.90	62.93	" "
Ellicott City....	8.11	24.00	**25.45**	5.00	**4.98**	10.00	**9.47**	6.81	45.18	As declared on sack
Ellicott City....	11.68	24.00	**25.10**	4.50	**4.25**	12.00	**8.56**	7.55	42.86	" "
Ellicott City....	9.25	20.00	**22.20**	4.00	**4.78**	12.00	**9.48**	8.24	46.05	" "
Ellicott City....	12.65	16.00	**17.91**	3.00	**4.39**	16.00	**10.35**	8.46	46.24	C. As decl'd on sack
Ellicott City....	7.78	16.00	**16.11**	4.00	**3.92**	12.00	**15.22**	8.32	48.65	As declared on sack
Ellicott City....	10.10	20.00	**20.97**	5.00	**5.28**	6.00	**6.36**	9.78	47.51	A.
Ellicott City....	9.72	18.00	**18.87**	5.00	**4.52**	7.00	**6.00**	12.90	47.99	As declared on sack
Ellicott City....	10.59	16.00	**18.26**	5.00	**5.07**	8.00	**5.27**	8.42	52.39	D.
Ellicott City....	10.81	16.00	**18.08**	5.00	**5.05**	5.00	**5.01**	7.38	53.67	As declared on sack
Ellicott City....	11.53	10.00	**11.93**	2.50	**3.51**	5.00	**3.37**	2.93	66.73	" "
Ellicott City....	12.17	10.00	**12.20**	2.50	**3.08**	5.00	**3.30**	1.75	67.50	" "
Ellicott City....	12.00	10.00	**14.92**	3.00	**4.13**	5.00	**4.34**	2.18	62.43	" "
Cumberland....	12.44	13.00	**14.92**	2.00	**1.95**	3.00	**2.29**	2.54	65.86	As declared on sack
Cumberland....	11.97	10.00	**10.00**	2.50	**3.59**	5.00	**4.90**	1.90	67.64	" "
Cumberland....	12.16	8.00	**10.35**	3.00	**3.25**	5.00	**2.12**	1.34	70.78	" "
Damascus.....	7.85	20.00	**21.85**	5.00	**4.99**	8.00	**6.60**	9.32	49.39	As declared on sack
Damascus.....	8.15	17.00	**19.57**	4.50	**4.15**	9.00	**6.40**	8.14	53.59	" "
Damascus.....	9.75	14.00	**17.81**	4.50	**3.49**	9.00	**9.11**	5.53	54.31	" "
Damascus.....	11.15	16.00	**17.99**	4.50	**4.66**	5.00	**5.01**	3.17	58.02	" "

A—Ingredients on sack differ from license.
B—Unable to detect Linseed Meal and Molasses—also detected Cottonseed Meal, Corn Gluten Feed and Mineral Mixture.
C—Fat and Fibre guarantee on sack differ from license.
D—Fibre guarantee on sack differs from license.
x Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
S. P. Davis, Little Rock, Ark.	Goodluck Brand Prime Cottonseed Meal.....
C. C. Deen, Preston, Md.	†Pure Wheat Bran.....
" " "	†*Pure Wheat Middlings.....
Derwood Mill, Derwood, Md.	†Dairy Feed 26%.....
" " "	†Dairy Feed 20%.....
" " "	†Dairy Feed 16%.....
" " "	†Laying Mash.....
" " "	†Growing Mash.....
" " "	†Turkey Mash.....
" " "	†Pure Wheat Bran.....
" " "	†Pure Wheat Middlings.....
" " "	†*Pure Corn Meal.....
Devilbiss Bros., New Windsor, Md.	A. No. 1 Laying Mash.....
Dietrich & Gambrill, Inc., Frederick, Md.	Gambrill's High Protein Dairy Feed.....
" " "	Gambrill's High Protein Dairy Feed.....
" " "	Frederick Dairy Feed.....
" " "	Gambrill's A. 1 Dairy Feed.....
" " "	Gambrill's A. 1 Dairy Feed.....
" " "	D & G Dairy Feed.....
" " "	Gambrill's 16% Dairy Feed.....
" " "	Gambrill's 16% Dairy Feed.....
" " "	Big 4 Dairy Feed.....
" " "	Gambrill's Laying Mash, with Cod Liver Oil....
" " "	Gambrill's Laying Mash.....
" " "	Gambrill's Laying Mash.....
" " "	Frederick Laying Mash.....
" " "	Frederick Laying Mash.....
" " "	Gambrill's Growing Mash.....
" " "	Canton Horse Feed.....
" " "	Frederick Horse Feed.....
" " "	Gambrill's Horse Feed.....
" " "	Gambrill's Horse Feed.....
" " "	Gambrill's Hog Meal.....
" " "	D & G Calf Meal.....
" " "	Pure Corn Meal.....
" " "	Gambrill's Chick Starter.....
" " "	Gambrill's Chick Starter.....
" " "	Gambrill's Chick Feed.....
" " "	Frederick Scratch Feed.....
" " "	Frederick Scratch Feed.....
" " "	Gambrill's Scratch Feed.....
" " "	Gambrill's Pigeon Feed.....
" " "	Gambrill's Pigeon Feed.....
Wm. H. Dolbey, White Haven, Md.	Hog Feed.....
" " "	Scratch Feed.....
Donahue-Stratton Co., Milwaukee, Wis.	Hiquality Brewers Dried Grains.....

* Means deficient in protein or fat.
† Not licensed at time of sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Westminster	5.56	41.00	**42.30**	6.00	**7.36**	10.00	**8.77**	7.80	28.21	As declared on sack
Preston.....	9.15	13.00	**15.45**	3.50	**3.69**	10.00	**6.82**	5.13	59.76	As declared on sack
Preston.....	10.58	13.00	**13.43**	4.00	**1.77**	6.00	**4.82**	1.25	68.15	" "
Derwood.....	9.06	26.00	**26.17**	4.00	**4.78**	9.00	**7.13**	6.79	46.07	A.
Derwood.....	9.27	20.00	**21.10**	4.00	**5.32**	9.00	**7.47**	5.86	50.98	B.
Derwood.....	8.77	16.00	**18.01**	3.50	**6.24**	12.00	**7.49**	6.08	53.41	B.
Derwood.....	9.79	20.00	**21.59**	4.00	**5.41**	7.00	**5.14**	10.08	47.99	As declared on sack
Derwood.....	10.50	17.00	**18.43**	4.00	**4.99**	6.00	**4.79**	6.99	54.30	" "
Derwood.....	7.87	18.00	**19.31**	4.00	**5.62**	6.00	**8.00**	20.58	38.62	" "
Derwood.....	11.54	14.00	**16.50**	4.00	**3.60**	9.00	**7.54**	4.20	56.44	" "
Derwood.....	12.51	15.00	**16.06**	4.00	**3.60**	5.00	**2.76**	2.05	63.02	" "
Derwood.....	12.94	10.00	**9.30**	5.00	**3.88**	2.00	**1.96**	1.06	70.86	" "
New Windsor...	8.77	20.00	**20.01**	4.00	**4.95**	8.00	**8.02**	7.56	50.69	As declared on sack
Rowlandsville...	8.65	32.00	**31.95**	5.00	**4.98**	9.00	**8.87**	9.35	36.20	As declared on sack
Dickerson.....	10.68	32.00	**33.44**	5.00	**5.28**	9.00	**7.08**	6.30	37.22	" "
Waldorf.....	10.73	24.00	**23.96**	4.00	**4.40**	12.00	**11.59**	7.81	41.51	" "
Rowlandsville...	9.01	24.00	**26.27**	5.00	**4.85**	9.00	**9.16**	8.27	42.44	C. As decl'd on sack
Clinton.....	9.72	24.00	**25.20**	5.00	**4.89**	9.00	**8.67**	7.80	43.72	C. As decl'd on sack
Rowlandsville...	9.62	20.00	**21.18**	4.00	**4.33**	12.00	**11.36**	9.35	44.16	As declared on sack
Clinton.....	11.43	16.00	**18.33**	3.50	**4.39**	12.00	**10.89**	9.03	45.93	D.
Rowlandsville...	9.73	16.00	**17.42**	3.50	**4.71**	12.00	**12.05**	9.46	46.63	As declared on sack
Rowlandsville...	9.54	11.00	**17.55**	2.50	**3.92**	16.00	**13.72**	8.75	46.52	" "
Hyattsville	9.72	20.00	**21.59**	5.00	**6.10**	7.00	**5.36**	10.57	46.66	" "
Berwyn.....	10.23	20.00	**22.55**	5.00	**5.95**	7.00	**5.99**	8.24	47.04	" "
Hyattsville	10.09	20.00	**21.94**	5.00	**5.07**	7.00	**5.98**	8.67	48.25	" "
Berwyn.....	9.85	18.00	**21.06**	3.50	**5.99**	8.00	**6.07**	5.70	51.33	" "
Hyattsville	9.80	18.00	**19.31**	3.50	**5.16**	8.00	**5.95**	6.75	53.03	" "
Sykesville.....	9.87	18.00	**19.31**	4.00	**5.54**	7.00	**3.95**	7.42	53.91	" "
Clinton.....	13.14	7.00	**9.02**	2.00	**2.15**	12.00	**9.56**	6.10	60.03	" "
Waldorf.....	10.05	7.00	**10.42**	2.00	**2.90**	12.00	**6.91**	3.54	66.18	" "
Sparks.....	11.82	10.00	**10.63**	3.50	**3.03**	12.00	**5.21**	3.52	65.79	" "
Berwyn.....	11.64	10.00	**9.79**	3.50	**3.69**	12.00	**5.81**	4.39	64.68	" "
Sparks.....	10.54	18.00	**19.48**	4.00	**3.98**	8.00	**5.20**	9.05	51.75	E.
Sparks.....	9.82	21.00	**23.87**	4.00	**4.25**	3.50	**2.72**	5.05	54.29	As declared on sack
Berwyn.....	13.17	10.00	**9.48**	4.00	**4.21**	3.00	**1.95**	1.26	69.93	" "
Melrose.....	10.17	16.00	**17.99**	4.00	**6.15**	4.50	**3.97**	7.10	54.62	" "
Sykesville.....	9.71	16.00	**18.43**	4.00	**6.04**	4.50	**3.05**	6.44	56.33	" "
Hyattsville	11.34	10.00	**11.67**	3.00	**4.04**	3.00	**1.28**	1.92	69.75	" "
Hyattsville	12.89	10.00	**10.35**	3.00	**3.25**	4.00	**3.10**	1.56	68.85	" "
Bethesda.....	12.67	10.00	**10.97**	3.00	**3.07**	4.00	**2.30**	2.03	68.96	" "
Hyattsville	12.36	10.00	**10.35**	3.00	**3.26**	4.00	**2.52**	1.23	70.28	" "
Sykesville.....	12.45	13.00	**15.18**	3.00	**3.38**	4.00	**3.52**	1.92	63.55	" "
Berwyn.....	12.36	13.00	**15.62**	3.00	**3.76**	4.00	**3.76**	2.16	62.34	" "
White Haven ...	9.63	18.00	**19.31**	4.00	**3.91**	6.00	**5.01**	6.94	55.20	As declared on sack
White Haven ...	10.48	8.50	**10.97**	2.50	**3.26**	5.00	**2.99**	1.38	70.92	" "
Maugansville....	6.69	20.00	**22.99**	5.00	**5.43**	19.00	**16.11**	4.30	44.48	As declared on sack

A—Fat and Fibre guarantee and Ingredients on sack differ from license. Also detected a Mineral Mixture.
B—Fat and Fibre guarantee on sack differ from license. As registered but does not conform to declaration on sack.
C—Fat guarantee on sack differs from license. D—Ingredients on sack differ from license.
E—Ingredients on sack differ from license. Also detected Ground: Wheat, Barley and Rye.

MANUFACTURER AND ADDRESS	NAME OF FEED
Doughnut Machine Corp., Ellicott City, Md.	Domaco Pure Winter Wheat Bran
" " "	Domaco Pure Winter Wheat White Middlings
Dryden Milling Co., Pocomoke City, Md.	Laying Mash
" " "	All Mash
" " "	*Starting Feed
" " "	Scratch Feed
Eagle Mills, Pocomoke City, Md.	RCD Laying Mash
" " "	RCD Growing Mash
" " "	Pure Wheat Bran
" " "	Pure Wheat Middlings
" " "	Eagle Brand Scratch Feed
East Coast Trading Co., Baltimore, Md.	Pure Fish Meal
Eastern Cotton Oil Co., Norfolk, Va.	Dutch Maid Cotton Seed Meal
" " "	Soya Bean Meal
" " "	Soya Bean Meal
Easton Milling Co., Easton, Md.	Talbot Dairy Feed
" " "	Talbot Pasture Feed
" " "	Pure Wheat Bran
" " "	Pure Wheat Middlings
" " "	Talbot Scratch Feed
W. T. Eddington & Son, Federalsburg, Md.	Best Laying Mash
" " "	Pure Wheat Bran
" " "	*Pure Wheat Middlings
S. T. Edwards & Co., Inc., Chicago, Ill.	Butterfly Brand Dried Skimmed Milk
Englar & Sponseller, Westminster, Md.	"Meadow-Brook" Dairy Feed
" " "	"Meadow-Brook" Laying Mash
" " "	Wheat Middlings, with Mill Run Screenings
Enterprise Tallow & Grease Co., Phila., Pa.	Del-Mar-Va Brand Meat Scrap
" " "	Del-Mar-Va Brand Meat and Bone Scrap
" " "	*Del-Mar-Va Brand Meat and Bone Scrap
" " "	Del-Mar-Va Brand Meat and Bone Scrap
" " "	Del-Mar-Va Brand Meat and Bone Scrap
John W. Eshelman & Sons, Lancaster, Pa.	Challenge Dairy Feed
" " "	Red Rose 24 Dairy Feed
" " "	Lancaster 20 Dairy Feed
" " "	Pennsy Laying Mash
" " "	Red Rose Laying Mash, with Cod Liver Oil
" " "	Red Rose Laying Mash
" " "	Red Rose All Mash Starter
" " "	Red Rose Fattening Mash
" " "	Garden Spot Horse Feed
" " "	Red Rose 85 Horse Feed
" " "	Red Rose Hog Meal
" " "	Red Rose Intermediate Chick Grains

* Means deficient in protein or fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Woodbine	10.81	14.50	**16.58**	4.00	**4.20**	9.50	**9.43**	6.40	52.58	As declared on sack
Woodbine	11.04	16.00	**18.43**	5.00	**5.30**	3.25	**4.75**	4.18	56.30	" "
Pocomoke City	8.66	18.00	**20.36**	4.50	**4.94**	8.00	**7.96**	7.65	50.43	As declared on sack
Pocomoke City	9.84	18.00	**19.31**	3.75	**5.23**	5.00	**4.59**	7.43	53.60	" "
Pocomoke City	9.83	15.50	**18.43**	5.00	**4.06**	5.50	**5.12**	7.02	55.54	" "
Pocomoke City	12.74	10.00	**10.53**	2.50	**3.44**	4.00	**3.06**	1.40	68.83	A.
Pocomoke City	10.02	20.00	**20.62**	5.00	**5.17**	8.00	**6.12**	6.70	51.37	As declared on sack
Pocomoke City	9.70	16.00	**18.43**	4.00	**4.82**	7.00	**4.30**	6.04	56.71	B.
Pocomoke City	8.60	14.00	**14.92**	3.50	**3.80**	10.00	**6.74**	5.29	60.65	As declared on sack
Pocomoke City	10.40	15.00	**15.80**	3.50	**4.54**	5.00	**2.43**	2.95	63.88	C. As decl'd on sack
Pocomoke City	11.01	10.00	**10.71**	3.00	**2.81**	5.00	**2.42**	1.59	71.46	As declared on sack
Keymar	8.97	60.00	**62.13**	5.00	**6.49**	1.00	**.57**	19.17	2.67	As declared on sack
Denton	6.71	41.00	**40.28**	5.50	**6.39**	10.00	**10.86**	6.90	28.86	As declared on sack
Providence	6.07	48.00	**52.04**	5.50	**6.18**	8.00	**5.44**	5.95	24.32	" "
Frederick	7.14	48.00	**50.20**	5.50	**5.86**	8.00	**5.08**	5.78	25.94	" "
Easton	9.59	20.00	**20.62**	4.00	**3.77**	8.00	**7.24**	6.59	52.19	As declared on sack
Easton	8.25	16.00	**18.46**	3.00	**3.32**	10.00	**5.51**	6.23	58.23	B.
Easton	11.37	13.00	**15.36**	3.50	**4.07**	10.00	**7.99**	5.69	55.52	As declared on sack
Easton	11.21	12.00	**13.34**	2.50	**2.33**	3.00	**1.45**	2.03	69.64	" "
Easton	11.50	10.00	**10.35**	3.00	**3.03**	3.00	**3.11**	1.65	70.36	D. As decl'd on sack
Federalsburg	8.07	18.50	**18.16**	4.50	**4.42**	7.00	**5.07**	12.54	51.74	As declared on sack
Federalsburg	10.01	14.00	**15.80**	4.00	**3.60**	11.00	**7.61**	5.16	57.82	" "
Federalsburg	11.57	14.00	**14.57**	4.00	**3.05**	6.00	**1.85**	1.99	66.97	" "
Westminster	.....	32.00	**36.24**	.25	x**1.18**	.....	.....	6.89	.....	As declared on sack
Westminster	8.27	24.00	**25.27**	4.50	**4.73**	12.00	**8.88**	5.43	47.42	As declared on sack
Westminster	8.71	20.45	**22.90**	5.50	**5.16**	10.45	**7.67**	7.39	48.17	" "
Hampstead	11.21	16.00	**17.64**	4.00	**4.26**	6.00	**4.73**	3.04	59.12	" "
Denton	6.60	55.00	**54.94**	10.00	**9.90**	2.00	**2.20**	24.42	1.94	As declared on sack
Easton	5.93	50.00	**49.93**	10.00	**9.84**	2.00	**2.15**	29.55	2.60	" "
Denton	6.51	50.00	**48.18**	10.00	**10.57**	2.00	**1.96**	31.12	1.66	" "
Denton	6.25	45.00	**45.02**	10.00	**10.73**	2.00	**1.91**	34.60	1.49	" "
Denton	6.05	45.00	**45.81**	10.00	**9.56**	2.00	**1.95**	33.68	2.95	" "
New Windsor	11.18	24.00	**23.96**	4.00	**4.13**	11.00	**8.07**	9.90	42.76	As declared on sack
Salisbury	9.84	24.00	**25.31**	4.00	**3.92**	11.00	**6.02**	9.42	45.49	" "
Salisbury	10.57	20.00	**22.02**	4.00	**3.93**	11.00	**9.17**	8.50	45.81	" "
Fruitland	10.82	18.00	**21.12**	5.00	**4.99**	8.00	**6.90**	7.85	48.32	" "
Fruitland	9.45	20.00	**22.29**	5.00	**5.67**	7.00	**5.57**	8.26	48.76	" "
Annapolis	9.69	20.00	**21.59**	5.00	**5.71**	7.00	**5.56**	8.54	48.91	" "
New Windsor	8.18	16.00	**17.99**	4.00	**4.97**	6.50	**4.39**	7.56	56.91	" "
Mt. Lake Park	10.93	14.00	**16.15**	4.00	**5.42**	5.00	**3.27**	7.04	57.19	" "
Annapolis	12.17	7.00	**9.52**	2.00	**2.41**	10.00	**10.15**	5.86	59.89	" "
Annapolis	12.88	9.00	**11.19**	3.00	**3.30**	10.00	**5.89**	3.28	63.46	" "
Reisterstown	9.15	16.00	**17.81**	5.00	**4.68**	10.00	**6.78**	6.42	55.16	" "
New Windsor	12.12	10.00	**11.06**	3.00	**3.66**	3.00	**2.84**	1.80	68.52	" "

A—Also detected Oats.
B—Ingredients on sack differ from license.
C—Protein guarantee on sack differs from license.
D—Protein and Fibre guarantee on sack differ from license.
x Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
John W. Eshelman & Sons, Lancaster, Pa. (Continued).	Red Rose Intermediate Chick Grains
" " "	Pennsy Chick Grains
" " "	Red Rose Pigeon Feed
	Red Rose Pigeon Feed
Fairfield-Western Maryland Dairy, Baltimore, Md.	Skim Milk Powder
" " "	Skim Milk Powder
	Skim Milk Powder
Fairmont Creamery Co., Omaha, Neb.	Better Pure Flake Buttermilk
Farmers Cooperative Association, Inc., Frederick, Md.	Farmers 32% Sup't Dairy Ration Open Formula
" " "	Farmers 32% Supplement Dairy Ration
" " "	Farmers 24% Fixed Formula Dairy Ration
" " "	†Farmers 20% Dairy Feed Closed Formula
" " "	†Farmers Egg Mash No. 1, with Meat Scraps Open Formula
" " "	Farmers Start. and Grow'g Mash Open Formula
" " "	Farmers Chick Grains Open Formula
" " "	Farmers Scratch Grains Open Formula
Farmers Feed Co., New York, N. Y.	"Bull Brand" Dried Brewers Grains
" " "	Dried Brewers Grains, with Molasses
Farmers' Fertilizer & Feed Co., Westminster, Md.	24% Dairy Feed
" " "	Favorite Laying Mash
" " "	†Favorite Developer Feed
	†Victor Baby Chick Feed
Farmers Supply Co., Inc., Denton, Md.	†Fasuco Hog Feed
Farmers Supply Co., Walkersville, Md.	*Hog Feed
Federal Milling Co., Hagerstown, Md.	Fancy Wheat Bran
" " "	†Fancy Wheat Bran
" " "	†Fancy Wheat Mid'gs, with Screen. N. Ex. M. R. Chick Feed
" " "	†Chick Feed
" " "	†Special Scratch Feed
" " "	Pigeon Feed
Feed-Mor Products Co., Westminster, Md.	Feed-Mor Meat Meal
Felton & Kelly, Frederick, Md.	Pure Wheat Bran
" " "	Pure Wheat Middlings
" " "	Corn Bran
Fernando Valley Milling & Supply Co., Los Angeles, Calif.	Ideal Poultry Greens
J. W. Frush, Alesia, Md.	†Wheat Bran
" " "	Wheat Middlings
Galesburg Milling Co., Galesburg, Ill.	†Gamo Horse Feed
" " "	†Biddy's Chick Feed

* Means deficient in protein or fat.
† Not licensed at time of sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Salisbury	10.97	10.00	**11.85**	3.00	**4.32**	3.00	**1.29**	1.63	69.94	As declared on sack
Salisbury	11.05	9.00	**10.53**	3.00	**3.67**	3.00	**1.93**	1.75	71.07	" "
Salisbury	11.01	12.00	**15.53**	3.00	**3.24**	3.00	**3.86**	2.14	64.22	" "
Chewsville	11.38	12.00	**15.18**	3.00	**3.14**	3.00	**3.79**	2.22	64.29	" "
Denton	.....	33.00	**35.54**	.50	x**1.57**	.....	.....	8.30	.....	As declared on sack
Preston	.....	33.00	**36.51**	.50	x.**75**	.....	.....	8.12	.....	" "
Clinton	.....	33.00	**36.15**	.50	x.**93**	.....	.....	8.12	.....	" "
Chewsville	.....	32.00	**32.56**	6.00	x**8.54**	.....	.....	18.70	.....	As declared on sack
Brunswick	9.40	32.00	**34.04**	4.50	**4.36**	9.00	**5.79**	9.05	37.36	As declared on sack
Frederick	12.57	32.00	**34.17**	4.50	**4.03**	9.00	**6.69**	6.69	35.85	" "
Frederick	10.50	24.00	**25.14**	4.50	**4.03**	9.00	**7.46**	6.39	46.48	" "
Brunswick	10.62	20.00	**22.17**	4.00	**4.74**	11.00	**8.05**	9.36	45.06	" "
Brunswick	10.47	20.00	**20.18**	4.00	**5.58**	7.00	**5.32**	7.29	51.16	" "
Frederick	11.13	17.00	**19.04**	4.00	**5.09**	6.00	**3.32**	10.30	51.12	" "
Frederick	13.15	10.00	**9.74**	2.00	**3.29**	3.00	**1.42**	1.54	70.86	" "
Frederick	13.84	10.00	**10.27**	2.50	**2.39**	3.00	**2.56**	1.42	69.52	" "
Rising Sun	6.37	24.00	**28.52**	6.00	**5.83**	17.00	**13.73**	3.45	42.10	As declared on sack
Colora	8.50	23.00	**24.23**	6.00	**6.66**	17.00	**15.38**	5.53	39.70	" "
Westminster	8.25	24.00	**26.50**	4.00	**4.22**	12.00	**10.40**	7.59	43.04	As declared on sack
Westminster	8.70	20.00	**21.41**	5.00	**5.56**	10.00	**9.85**	8.90	45.58	" "
Westminster	11.51	10.00	**11.41**	2.50	**3.85**	2.00	**1.95**	1.60	69.68	" "
Westminster	9.49	15.00	**19.31**	3.80	**5.13**	5.00	**5.11**	7.32	53.64	" "
Denton	7.02	15.00	**17.20**	5.00	**4.61**	7.00	**4.94**	8.05	58.18	As declared on sack
Walkersville	11.62	15.00	**17.00**	4.00	**3.06**	4.50	**4.22**	10.45	53.65	As declared on sack
Sharpsburg	10.32	15.00	**18.60**	4.00	**3.67**	9.50	**9.26**	6.39	51.76	As declared on sack
Cumberland	10.24	15.00	**18.95**	4.00	**4.19**	9.50	**9.07**	5.95	51.60	" "
Cumberland	10.89	15.50	**17.11**	4.00	**4.50**	6.00	**4.00**	3.60	59.90	" "
Hagerstown	12.02	10.00	**10.97**	2.50	**3.23**	5.00	**2.37**	1.96	69.45	" "
Cumberland	12.01	10.00	**12.02**	2.50	**2.93**	5.00	**2.01**	1.80	69.23	" "
Cumberland	12.12	10.00	**10.71**	2.50	**2.35**	5.00	**2.07**	1.20	71.55	" "
Smithsburg	11.54	10.00	**15.01**	2.50	**3.09**	6.50	**4.61**	2.10	63.65	A.
Glyndon	5.20	55.00	**58.09**	5.00	**10.06**	4.00	**1.46**	23.20	1.99	As declared on sack
Frederick	9.53	13.00	**17.99**	3.00	**3.65**	10.00	**8.88**	5.24	54.71	As declared on sack
Frederick	12.25	14.00	**17.11**	2.00	**3.87**	5.00	**3.55**	2.73	60.49	" "
Frederick	9.20	8.00	**8.42**	3.00	**3.80**	12.00	**11.84**	1.40	65.34	" "
Baltimore	8.16	20.00	**22.20**	3.00	**2.53**	18.00	**17.29**	12.10	37.72	As declared on sack
Alesia	10.85	13.00	**16.41**	3.50	**3.89**	8.00	**6.87**	5.60	56.38	As declared on sack
Alesia	11.31	13.00	**15.53**	3.00	**3.04**	5.00	**4.27**	2.00	63.85	" "
Baltimore	11.90	10.50	**11.02**	3.50	**3.57**	9.00	**6.07**	3.76	63.68	As declared on sack
Baltimore	11.85	10.00	**11.32**	3.00	**2.96**	3.00	**1.79**	1.60	70.48	" "

A--Ingredients on sack differ from license. Also detected Buckwheat.
x Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Galestown Milling Co., Galestown, Md.	†Pure Wheat Bran
" " "	†Pure Wheat Middlings
" " "	†G.M.C. Scratch Feed
Gardiner & Yowaiski Milling Company, Chaptico, Md.	Peerless Laying Mash
" " "	Peerless Growing Mash
" " "	Pure Wheat Bran
" " "	Pure Wheat Middlings
" " "	Peerless Chick Starter
" " "	Peerless Scratch Feed
General Mills, Inc., Minneapolis, Minn.	Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings
Glade Valley Milling Co., Walkersville, Md.	Gee Vee Dairy Feed
" " "	Gee Vee Laying Mash
" " "	Pure Winter Wheat Bran
" " "	Winter Wheat Middlings (with M. R. S.)
Great Atlantic & Pacific Tea Company, New York, N. Y.	†Milky Way Dairy Feed 24% Protein
" " "	†Milky Way Dairy Feed 20% Protein
" " "	Daily Egg Mash Feed
" " "	Daily Scratch Feed
Green Acre Farms, Nazareth, Pa.	*Super Quality Alfalfa Meal
Green-Mish Company, Washington, D. C.	"Green Tag Brand" Cotton Seed Meal
" " "	"Green Tag Brand" Cotton Seed Meal
" " "	"Green Tag Brand" Cotton Seed Meal
" " "	"Green Tag Brand" Cotton Seed Meal
Greensboro Milling Co., Greensboro, Md.	Pure Wheat Bran
" " "	*Pure Wheat Middlings
Hales & Hunter Company, Chicago, Ill.	†Red Comb Egg Producer, with DBM
" " "	†Red Comb Growing Mash, with DBM
" " "	†Red Comb Crate Fattener, with Rolled Oats
Hampstead Fertilizer Co., Hampstead, Md.	Home Made 32% Dairy Feed
" " "	R-E-M Home Made Laying Mash
" " "	Home Made Hog Feed
" " "	Home Made Chick Starter
Hampstead Milling Co., Hampstead, Md.	Hamco Egg Mash
" " "	Winter Wheat Bran, M. R. S.
" " "	Winter Wheat Middlings
Frank Harbaugh, Middleburg, Md.	Middleburg Special Dairy Feed
" " "	*Usemore Dairy Feed
" " "	Usemore Dairy Feed
" " "	Usemore Egg and Growing Mash
" " "	Usemore Pig and Hog Meal

* Means deficient in protein or fat.
† Not licensed at time of sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Galestown.....	8.82	14.00	**14.83**	3.50	**3.60**	10.00	**9.74**	6.15	56.86	As declared on sack
Galestown.....	11.47	14.00	**14.92**	3.50	**3.79**	5.00	**2.31**	2.60	64.91	" "
Galestown.....	11.81	10.00	**11.14**	3.00	**2.71**	3.00	**2.38**	1.60	70.36	A.
Chaptico.....	9.73	20.00	**19.92**	6.00	**5.61**	8.00	**5.15**	9.42	50.17	As declared on sack
Chaptico.....	10.43	14.50	**14.48**	4.00	**4.96**	6.00	**3.79**	6.79	59.55	B.
Chaptico.....	9.52	14.00	**13.16**	3.50	**4.82**	10.00	**9.89**	6.10	56.51	As declared on sack
Chaptico.....	11.37	14.00	**14.39**	4.00	**4.29**	6.00	**3.27**	3.04	63.64	" "
Chaptico.....	9.89	14.00	**14.04**	3.50	**4.27**	5.00	**5.98**	8.61	57.21	" "
Chaptico.....	12.16	9.00	**9.92**	2.50	**3.04**	5.00	**3.02**	2.84	69.02	" "
Baltimore.....	11.15	15.00	**16.94**	4.00	**4.52**	9.50	**6.21**	5.04	56.14	As declared on sack
Woodsboro	6.98	20.00	**22.03**	3.00	**3.53**	9.00	**9.91**	7.32	50.23	As declared on sack
Walkersville	9.06	20.00	**22.29**	5.00	**5.06**	6.00	**4.11**	11.49	47.99	" "
Woodsboro	9.68	15.00	**17.72**	4.00	**4.36**	12.00	**10.79**	6.95	50.40	" "
Taneytown.....	9.86	16.00	**18.16**	4.00	**4.18**	6.00	**4.06**	3.36	60.38	" "
Oakland.....	9.26	24.00	**26.65**	4.50	**4.21**	9.00	**7.98**	6.45	45.45	As declared on sack
Oakland.....	9.63	20.00	**21.83**	4.00	**4.53**	9.00	**8.12**	7.58	48.31	" "
Oakland.....	9.15	20.00	**20.54**	4.50	**5.09**	7.00	**5.86**	9.10	50.26	" "
Oakland.....	12.59	10.00	**11.23**	2.50	**2.72**	5.00	**3.49**	2.18	67.79	C.
Hagerstown.....	6.37	15.00	**19.31**	2.00	**1.42**	30.00	**29.05**	11.80	32.05	As declared on sack
Baltimore.....	6.23	41.00	**42.26**	6.00	**7.41**	10.00	**9.01**	8.00	27.09	As declared on sack
New Windsor...	6.77	41.00	**41.86**	6.00	**6.74**	10.00	**9.75**	6.83	28.05	" "
Keymar.....	7.64	41.00	**41.94**	6.00	**6.34**	10.00	**9.59**	6.14	28.35	" "
Rising Sun.....	7.13	41.00	**42.30**	6.00	**7.25**	10.00	**9.05**	7.20	27.07	" "
Greensboro.....	10.15	14.00	**15.88**	4.00	**4.26**	10.00	**7.84**	5.51	56.36	As declared on sack
Greensboro.....	11.34	14.00	**16.06**	4.00	**3.34**	6.00	**1.93**	1.80	65.53	" "
Annapolis.....	9.51	20.00	**20.45**	4.50	**5.50**	7.00	**6.06**	12.54	45.94	As declared on sack
Baltimore.....	8.01	15.00	**19.48**	4.00	**5.29**	6.00	**3.87**	7.54	55.81	" "
Baltimore.....	8.50	13.00	**15.27**	4.00	**5.00**	6.00	**5.47**	3.56	62.20	" "
Hampstead.....	7.95	32.00	**34.49**	4.50	**4.53**	9.00	**7.25**	7.67	38.11	As declared on sack
Hampstead.....	10.26	20.00	**20.80**	4.50	**4.99**	8.00	**7.51**	9.10	47.34	" "
Hampstead.....	9.91	15.00	**17.99**	4.00	**5.39**	8.00	**5.70**	6.53	54.48	" "
Hampstead.....	10.05	12.00	**14.65**	4.00	**5.91**	5.00	**4.73**	6.41	58.25	" "
Hampstead.....	9.16	20.00	**21.76**	4.00	**4.82**	8.00	**7.17**	12.97	44.12	As declared on sack
Reisterstown....	10.43	14.00	**16.67**	4.00	**3.95**	10.50	**9.63**	6.37	52.95	" "
Reisterstown....	8.99	15.00	**17.55**	4.00	**4.72**	6.00	**4.24**	2.88	61.62	" "
Middleburg.....	9.07	24.00	**26.15**	4.00	**3.78**	10.00	**8.55**	6.80	45.65	D.
Medford.....	13.95	16.50	**17.89**	4.00	**3.34**	10.00	**14.21**	8.61	42.00	G.
Woodsboro	12.00	16.50	**17.53**	4.00	**4.36**	10.00	**10.92**	5.71	49.48	D.
Middleburg.....	9.37	20.00	**21.24**	4.00	**4.46**	7.00	**6.62**	7.60	50.71	E.
Middleburg.....	9.15	19.00	**20.53**	5.00	**5.13**	5.00	**5.41**	6.49	53.29	F.

A—Ingredients on sack differ from license. Also detected Barley, Oats, Sunflower Seed and Milo Maize.
B—Also detected Wheat Bran. C—Unable to detect Sunflower Seed.
D—Ingredients on sack differ from license.
E—Protein guarantee on sack differs from license. Also detected Meat and Bone Scrap.
F—Protein guarantee and Ingredients on sack differ from license. Also detected Meat and Bone Scrap.
G—Unable to detect Malt Sprouts, Peanut Meal only trace of Soy Bean Meal present—also detected Weed Seed Coats, etc.

MANUFACTURER AND ADDRESS	NAME OF FEED
Harbisons' Dairies, Philadelphia, Pa.	Skim Milk Powder Roller Process
Harman Bros., Greensboro, Md.	†Pure Wheat Bran
" " "	††Pure Wheat Middlings
De Vries R. Hering, Sykesville, Md.	Laying Mash
" " "	*Pure Winter Wheat Bran
" " "	Pure Winter Wheat Middlings
Hespenheide & Thompson, York, Pa.	Premier 20% Dairy Feed
" " "	Premier Egg Mash, BM., Charcoal and Minerals
" " "	*York Scratch Feed
Hickerson Bros., Rockville, Md.	Wheat and Corn Bran
" " "	Pure Wheat Middlings
J. P. Howard, Hagerstown, Md.	Pigeon Feed, without Corn
" " "	Pigeon Feed, with Corn
" " "	Scratch Grains
Humphreys-Godwin Co., Memphis, Tenn.	Bull Brand 43% Protein Cottonseed Meal
" " "	Dixie Brand 41% Protein Cottonseed Meal
" " "	Dixie Brand 41% Protein Cottonseed Meal
" " "	Dixie Brand 41% Protein Cottonseed Meal
" " "	Dixie Brand 41% Protein Cottonseed Meal
" " "	Dixie Brand 41% Protein Cottonseed Meal
" " "	Dixie Brand 41% Protein Cottonseed Meal
Hurlock Milling Co., Hurlock, Md.	*Best Quality Laying Mash
" " "	Wheat Bran, with G. S.
" " "	Pure Wheat Middlings
Huston, Culver & Co., Seaford, Del.	†Fish Meal
" " "	Fish Meal
Ingleside Milling Co., Ingleside, Md.	†Laying Mash
" " "	†Pure Wheat Bran
" " "	†Pure Wheat Middlings
International Milling Co., Minneapolis, Minnesota.	Blackhawk Pure Wheat Bran
" " "	Blackhawk Pure Wheat Bran
" " "	Blackhawk Pure Wheat Bran
" " "	Blackhawk Wheat Flour Middlings
R. D. Johnson Milling Co., Cumberland, Maryland.	†Atlas Dairy Feed
" " "	†Atlas Egg Mash
" " "	†Wheat Bran and Screenings
" " "	†*White Middlings
" " "	†Wheat Shorts
" " "	†*Atlas Scratch Feed
" " "	†Atlas Scratch Feed
Kasco Mills, Inc., Waverly, N. Y.	32% Mixing Feed
" " "	Mormilk Dairy Ration

* Means deficient in protein or fat.
† Not licensed at time of sale.
‡ Means deficient in both protein and fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Denton	.....	33.00	**35.28**	.75	x**1.85**	.....	.....	7.90	.....	As declared on sack
Greensboro	9.98	14.00	**15.45**	3.50	**4.78**	10.00	**7.73**	5.25	56.81	As declared on sack
Greensboro	10.50	14.00	**11.76**	3.50	**1.84**	5.00	**1.19**	1.46	73.25	" "
Sykesville	9.52	19.00	**22.82**	5.00	**4.56**	10.00	**8.41**	7.30	47.39	As declared on sack
Sykesville	11.17	13.00	**17.11**	3.50	**2.41**	9.00	**7.46**	4.50	57.35	" "
Sykesville	10.26	12.00	**13.25**	3.00	**2.73**	4.00	**2.20**	1.96	69.60	" "
Parkton	9.66	20.00	**23.96**	4.00	**4.83**	12.00	**8.76**	7.10	45.69	As declared on sack
Parkton	10.66	20.00	**23.52**	4.50	**4.83**	7.00	**5.78**	9.26	45.95	" "
Parkton	12.50	9.00	**10.62**	3.00	**1.95**	5.00	**2.43**	1.18	71.32	" "
Rockville	11.53	14.00	**16.41**	3.00	**3.40**	11.00	**10.33**	5.63	52.70	As declared on sack
Rockville	11.98	13.00	**15.45**	3.00	**3.34**	5.00	**3.79**	2.68	62.76	" "
Hagerstown	12.22	14.00	**15.88**	3.00	**3.24**	4.00	**3.97**	2.19	62.50	As declared on sack
Hagerstown	12.16	12.50	**14.39**	3.25	**3.44**	3.50	**3.23**	1.92	64.86	" "
Hagerstown	11.91	10.00	**11.85**	2.50	**3.11**	4.00	**3.55**	1.80	67.78	" "
Grantsville	6.63	43.00	**44.49**	5.00	**6.94**	11.00	**8.14**	7.22	26.58	As declared on sack
Denton	7.42	41.00	**41.51**	5.00	**6.45**	12.00	**8.19**	7.42	29.01	" "
Middleburg	8.32	41.00	**40.98**	5.00	**6.42**	12.00	**9.57**	6.83	27.88	" "
Medford	8.12	41.00	**41.77**	5.00	**6.61**	12.00	**9.44**	7.42	26.64	" "
Westminster	7.77	41.00	**41.51**	5.00	**6.74**	12.00	**9.43**	7.67	26.88	" "
Sykesville	8.45	41.00	**40.98**	5.00	**6.59**	12.00	**7.28**	7.73	28.97	" "
Sykesville	8.95	41.00	**41.33**	5.00	**7.10**	12.00	**7.06**	7.41	28.15	" "
Hurlock	8.27	20.50	**20.88**	4.95	**4.05**	9.62	**6.83**	9.52	50.45	A. As decl'd on sack
Hurlock	8.57	14.50	**14.65**	4.00	**4.19**	9.00	**7.42**	5.40	59.77	As declared on sack
Hurlock	11.50	15.00	**15.09**	4.00	**3.88**	5.00	**3.17**	3.70	62.66	B. As decl'd on sack
Cambridge	7.26	55.00	**60.99**	4.00	**8.64**	1.00	**.66**	18.92	3.53	As declared on sack
Salisbury	8.40	55.00	**60.99**	4.00	**8.20**	1.00	**.63**	18.35	3.43	" "
Ingleside	8.70	17.00	**18.16**	3.50	**4.67**	9.50	**7.67**	8.64	52.16	As declared on sack
Ingleside	9.05	13.00	**14.13**	3.00	**4.04**	9.00	**9.79**	6.34	56.65	" "
Ingleside	10.23	13.00	**14.30**	3.50	**3.68**	9.50	**2.77**	2.29	66.73	" "
Sparks	10.38	15.00	**17.38**	3.20	**4.19**	12.00	**9.59**	7.16	51.30	As declared on sack
Baltimore	10.71	15.00	**17.11**	3.20	**4.23**	12.00	**7.90**	5.86	54.19	" "
Maugansville	10.96	15.00	**16.50**	3.20	**4.55**	12.00	**9.17**	7.55	51.27	" "
Sykesville	10.84	16.00	**16.23**	3.50	**3.59**	4.00	**2.55**	2.85	63.94	" "
Cumberland	10.04	22.00	**22.03**	4.00	**4.52**	12.00	**9.56**	7.75	46.10	C.
Cumberland	10.20	20.00	**21.15**	4.00	**5.52**	9.00	**5.90**	11.37	45.86	E.
Cumberland	10.63	16.00	**16.94**	4.00	**4.67**	9.00	**8.79**	5.61	53.36	As declared on sack
Cumberland	11.82	15.02	**16.58**	4.19	**3.36**	3.17	**2.76**	3.40	62.08	D.
Cumberland	10.16	17.00	**17.55**	5.00	**4.65**	6.00	**8.22**	4.65	54.77	D.
Cumberland	10.95	11.50	**11.14**	3.46	**2.73**	2.48	**3.10**	1.45	70.63	As declared on sack
Cumberland	13.11	11.50	**10.88**	3.46	**3.55**	2.48	**3.50**	1.45	67.51	" "
Dickerson	9.36	32.00	**32.44**	5.00	**5.47**	10.00	**7.88**	8.08	36.77	As declared on sack
Maple Grove	11.56	24.00	**25.27**	4.50	**4.47**	10.00	**7.83**	6.61	44.26	" "

A—Protein, Fat and Fibre guarantee on sack differ from license.
B—Protein and Fibre guarantee on sack differ from license.
C—Fibre guarantee on sack differs from license. Detected Wheat Bran, Ground Wheat, Ground Oats, Alfalfa Meal, Cottonseed Meal, bare trace of Linseed Oil Meal, Buckwheat Middlings, Corn Feed Meal and 3.71% Salt, mostly in very coarse particles.
D—Also detected Screenings.
E—Ingredients on sack differ from license.
x Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Kasco Mills, Inc., Waverly, N. Y. (Cont.)	†Apex Heavy Flow Dairy Feed
" " "	†Beatsall Milk Grains
" " "	†*16% Dairy Feed
" " "	†Apex Laying Mash
" " "	†Oc-Sak Laying Mash
" " "	†Poultry Fattener
" " "	Apex All-Mash Starter and Grower
" " "	†Horse Feed 85% Grain
" " "	†Apex Sugared Chop
" " "	†Chick Grains
" " "	†Oc-Sak Scratch Grains
Keedysville Milling Co., Keedysville, Md.	Eureka Dairy Feed
" " "	*Eureka Laying Mash
" " "	Wheat Bran
" " "	Wheat Middlings
Kelloggs & Miller, Inc., Amsterdam, N. Y.	†Pure Old Process Linseed Oil Meal
L. Kellum & Co., Baltimore, Md.	†Dry Mash
" " "	†Scratch Grains
Key Grain & Feed Co., Keymar, Md.	The Key 32% Dairy Ration
" " "	The Key Dairy Ration
" " "	The Detour Laying Mash
" " "	The Key Laying Mash
" " "	The Key Growing Mash
" " "	The Key Starting Mash
" " "	The Key Pig Meal
King Bros. & Co., Philadelphia, Pa.	Cottonseed Meal Prime Quality
" " "	Pure Dried Buttermilk
Kline Bros., Inc., Boonsboro, Md.	Pure Winter Wheat Bran
" " "	Pure Winter Wheat Middlings
	Scratch Grains
Charles F. Knock, Frederick, Md.	Laying Mash, with DBM
" " "	Chick Feed
" " "	Medium Scratch Feed
" " "	Scratch Feed
Chas. A. Krause Milling Co., Milwaukee, Wisconsin.	Amerikorn Dairy Ration
	Blue Top Horse Feed
H. Curtis Krout, Maryland Line, Md.	Dairy Feed
Land O' Lakes Creameries, Inc., Minneapolis, Minn.	*Dried Buttermilk
	Dried Skimmilk
Larrowe Milling Co., Detroit, Mich.	41% Protein Cottonseed Meal Prime Quality
" " "	Larro-The Ready Ration for Dairy Cows
" " "	Larro-The Ready Ration for Dairy Cows
" " "	Larro-The Ready Ration for Dairy Cows

* Means deficient in protein or fat.
† Not licensed at time of sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Oakland	10.55	24.00	**25.80**	4.50	**4.66**	12.00	**8.34**	7.57	43.08	As declared on sack
Oakland	8.52	22.00	**23.96**	4.50	**4.91**	10.00	**8.56**	7.26	46.79	" "
Oakland	10.97	16.00	**21.90**	4.50	**3.88**	12.00	**8.74**	7.98	46.53	" "
Oakland	9.50	20.00	**21.94**	4.00	**5.70**	8.50	**5.84**	12.45	44.57	" "
Oakland	10.35	17.00	**18.16**	3.50	**4.99**	8.50	**5.67**	10.78	50.05	A.
Oakland	9.38	13.00	**15.97**	4.50	**5.44**	5.00	**2.43**	3.25	63.53	As declared on sack
Oakland	10.33	15.00	**16.67**	4.00	**4.75**	6.00	**4.22**	7.85	56.18	" "
Oakland	11.67	9.00	**10.03**	3.00	**3.06**	10.00	**9.27**	5.48	60.49	" "
Oakland	11.21	7.50	**9.58**	3.00	**3.84**	12.00	**8.33**	7.80	59.24	" "
Oakland	11.40	10.00	**12.29**	2.50	**5.19**	4.00	**1.62**	2.14	67.36	" "
Oakland	12.58	9.00	**10.71**	2.50	**2.79**	4.00	**2.22**	1.44	70.26	" "
Keedysville	8.30	17.00	**17.55**	4.47	**4.44**	8.43	**8.45**	9.75	51.51	As declared on sack
Keedysville	9.27	20.00	**22.11**	5.00	**4.44**	7.00	**5.07**	10.70	48.41	" "
Keedysville	9.62	13.50	**18.25**	3.25	**3.85**	8.35	**9.24**	5.86	53.18	" "
Keedysville	11.40	14.00	**16.85**	3.50	**3.62**	3.25	**2.33**	2.20	63.60	" "
Baltimore	9.75	34.00	**32.47**	5.00	**6.14**	9.00	**7.95**	7.83	35.86	As declared on sack
Baltimore	7.89	16.00	**19.48**	3.50	**3.31**	10.00	**10.34**	18.03	40.95	C.
Baltimore	11.63	10.00	**11.41**	3.00	**3.52**	5.00	**3.02**	2.16	68.26	B.
Keymar	8.55	32.00	**32.50**	4.75	**5.57**	9.00	**8.59**	7.80	36.99	As declared on sack
Keymar	8.94	20.00	**23.78**	4.00	**4.32**	11.00	**8.35**	7.20	47.41	" "
Detour	9.53	19.00	**21.32**	4.50	**4.88**	8.00	**7.95**	10.06	46.26	D. As decl'd on sack
Keymar	9.64	19.00	**20.71**	5.00	**5.32**	7.00	**5.27**	10.23	48.83	As declared on sack
Detour	10.15	16.00	**19.39**	4.25	**5.08**	7.00	**5.84**	6.60	52.94	" "
Detour	9.98	16.00	**18.16**	4.50	**5.19**	6.00	**4.75**	7.00	54.92	" "
Keymar	10.11	17.00	**18.69**	4.50	**4.94**	7.00	**5.64**	9.71	50.91	E. As decl'd on sack
Hampstead	7.20	41.00	**41.71**	6.00	**5.92**	10.00	**9.13**	6.02	30.02	As declared on sack
Hampstead	.....	32.00	**31.33**	5.00	x**7.03**	.....	.....	8.94	.....	" "
Benevola	9.80	14.00	**16.85**	4.00	**3.67**	9.00	**8.82**	5.76	55.10	As declared on sack
Benevola	10.85	15.00	**17.64**	4.00	**4.12**	5.00	**4.59**	3.59	59.21	" "
Smithsburg	12.58	9.00	**11.06**	2.50	**2.86**	6.00	**2.76**	1.70	69.04	A.
Frederick	10.10	18.00	**18.95**	3.00	**5.40**	10.00	**5.81**	8.49	51.25	F.
Frederick	11.20	9.00	**12.02**	3.00	**6.53**	5.00	**2.12**	2.32	65.81	G.
Frederick	11.90	9.00	**11.32**	3.00	**3.71**	5.00	**3.11**	2.13	67.83	H.
Frederick	11.57	9.00	**11.41**	3.00	**3.19**	5.00	**2.83**	1.40	69.60	As declared on sack
Baltimore	9.38	24.00	**25.13**	4.00	**3.73**	12.00	**10.22**	6.92	44.62	As declared on sack
Baltimore	12.90	10.00	**11.21**	1.00	**3.07**	16.00	**7.54**	3.25	62.03	" "
Maryland Line	9.37	20.00	**21.16**	4.00	**5.26**	12.00	**8.28**	8.80	47.13	As declared on sack
Baltimore	.....	30.00	**35.54**	5.00	x**1.02**	.....	.....	7.91	.....	As declared on sack
Westminster	.....	30.00	**35.63**	.50	x.**90**	.....	.....	7.77	.....	" "
Mt. Airy	7.13	41.00	**42.74**	6.00	**6.56**	10.00	**9.72**	7.03	26.82	As declared on sack
Baltimore	7.81	20.00	**20.67**	4.00	**4.03**	12.00	**5.78**	6.51	55.20	" "
Rising Sun	8.86	20.00	**21.76**	4.00	**3.93**	12.00	**10.47**	6.23	48.75	" "
Oakland	10.55	20.00	**21.06**	4.00	**4.10**	12.00	**10.08**	6.59	47.62	" "

A—Ingredients on sack differ from license. B—Also detected Wheat and Milo Maize.
C—Also detected Ground Corn and Steamed Bone Meal.
D—Fibre guarantee on sack differs from license. E—Fat guarantee on sack differs from license.
F—Also detected Ground Corn, Ground Wheat and Buckwheat Hulls.
G—Contains Cut Hulled Oats and not Rolled Oats as declared.
H—Also detected Sunflower Seed. x Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Larrowe Milling Co., Detroit, Mich. (Cont.)	Egg Mash
" " "	Egg Mash
" " "	Growing Mash
" " "	Broiler Feed
" " "	Calf Meal
" " "	Pork-Maker
" " "	Dried Beet Pulp
" " "	Chick Starter
" " "	Chick Grains
" " "	Scratch Grains
Leitersburg Mill, Leitersburg, Md.	Pure Wheat Bran
" " "	Pure Wheat Middlings
John T. Lewis & Bros. Co., Phila., Pa.	34% Old Process Linseed Meal
" " "	34% Old Process Linseed Meal
Liberty Milling Co., Germantown, Md.	Montgomery 26% Dairy Ration, with Ro-Be Mineral Supplement
" " "	Egg Mash
" " "	Wheat Bran
" " "	Winter Wheat Bran
" " "	*Soft Winter Middlings, with Mill Run of Ground Screenings
" " "	Baby Chick Starter
" " "	†Intermediate Scratch Feed
" " "	Scratch Grains
Linwood Elevator Co., Inc., Linwood, Md.	Dairy Feed
" " "	Laying Mash
" " "	*Complete Pig Meal
Lone Maple Tree Poultry Farm, Preston, Maryland.	All Mash Grower
	Chick Starter
S. C. Long, Wicomico, Md.	*Pure Wheat Bran
" " "	*Pure Wheat Middlings
Loudonville Milling Co., Loudonville, Ohio.	"Le Grande" Bran
" " "	Winter Wheat Middlings, with Screenings N. Ex. M. R.
L. B. Lovitt & Co., Memphis, Tenn.	"Lovit Brand" 43% Cotton Seed Meal
" " "	"Lovit Brand" 41% Cotton Seed Meal
" " "	†"Lovit Brand" 41% Cotton Seed Meal
" " "	"Lovit Brand" 41% Cotton Seed Meal
" " "	"Lovit Brand" 41% Cotton Seed Meal
" " "	"Lovit Brand" 41% Cotton Seed Meal
" " "	"Lovit Brand" 41% Cotton Seed Meal
Marianna Sales Co., Memphis, Tenn.	†White Mule Brand 41% Cottonseed Meal
Maritime Milling Co., Inc., Buffalo, N. Y.	B. B. Farmers Mixing Feed Sweetened
" " "	B. B. 24 Dairy Ration Sweetened
" " "	B. B. 24 Dairy Ration Sweetened
" " "	B. B. 24 Dairy Ration Sweetened

* Means deficient in protein or fat.
† Not licensed at time of sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Hampstead.....	10.16	19.00	**21.32**	5.00	**5.14**	7.50	**6.01**	12.33	45.04	As declared on sack
Baltimore.....	6.82	19.00	**20.63**	5.00	**5.51**	7.50	**5.95**	12.09	49.00	" "
Baltimore.....	9.15	16.00	**17.64**	4.50	**5.61**	6.50	**4.87**	9.17	53.56	" "
Baltimore.....	8.84	15.00	**17.72**	4.50	**4.96**	7.00	**5.58**	10.20	52.70	" "
Baltimore.....	8.56	23.00	**25.27**	4.00	**4.02**	3.50	**3.09**	6.36	52.70	" "
Baltimore.....	7.40	25.00	**27.03**	5.00	**6.55**	10.00	**8.68**	13.50	36.85	" "
Baltimore.....	9.91	8.00	**9.83**	.50	**.65**	22.00	**20.01**	4.02	55.58	" "
Baltimore.....	8.22	16.50	**18.60**	4.50	**5.24**	5.00	**4.76**	8.01	55.17	" "
Baltimore.....	10.29	10.00	**11.06**	2.00	**2.43**	3.50	**1.80**	2.55	71.87	" "
Baltimore.....	10.88	10.00	**11.58**	2.00	**2.69**	3.50	**2.25**	1.62	70.98	" "
Leitersburg.....	10.06	14.00	**17.20**	4.00	**3.88**	8.35	**8.91**	6.43	53.52	As declared on sack
Leitersburg.....	11.10	14.50	**17.55**	4.00	**4.38**	6.00	**4.06**	4.17	58.74	" "
Taneytown.....	9.08	34.00	**35.19**	5.00	**5.76**	10.00	**7.87**	5.83	36.27	As declared on sack
Baltimore.....	9.69	34.00	**35.10**	5.00	**6.26**	10.00	**8.24**	5.62	35.09	" "
Germantown....	10.23	26.00	**26.32**	5.00	**4.75**	9.00	**9.85**	7.86	40.99	As declared on sack
Germantown....	9.93	19.00	**21.24**	4.50	**5.51**	7.00	**6.84**	12.42	44.06	A.
Derwood.....	10.60	14.00	**18.43**	4.00	**4.19**	10.50	8.69	5.55	52.54	B.
Germantown....	11.70	14.00	**16.50**	4.00	**4.09**	10.50	**10.10**	6.00	51.61	As declared on sack
Germantown....	12.41	15.00	**16.06**	4.00	**3.37**	6.00	**3.75**	4.25	60.16	" "
Germantown....	10.90	12.00	**14.22**	4.00	**5.93**	3.50	**1.94**	7.48	59.53	" "
Germantown....	10.87	10.00	**11.32**	4.00	**3.57**	3.00	**2.37**	1.66	70.21	" "
Germantown....	12.82	10.00	**10.44**	3.50	**3.20**	3.00	**2.58**	1.26	69.70	C. As decl'd on sack
Linwood.....	6.88	16.00	**18.43**	3.50	**3.99**	12.00	**15.16**	10.38	45.16	As declared on sack
Linwood.....	9.23	18.00	**19.74**	4.50	**4.42**	8.00	**8.26**	11.58	46.77	" "
Linwood.....	10.08	15.00	**20.35**	5.00	**4.33**	6.00	**5.66**	9.12	50.46	D.
Preston.....	10.14	15.00	**17.02**	3.00	**3.63**	6.00	**4.00**	5.56	59.65	As declared on sack
Preston.....	10.60	15.00	**16.41**	3.00	**3.47**	6.00	**4.42**	5.87	59.23	" "
Wicomico.....	9.25	14.00	**14.65**	4.00	**3.26**	10.00	**8.57**	5.27	59.00	As declared on sack
Wicomico.....	11.62	14.00	**13.51**	4.00	**2.85**	5.00	**1.70**	1.97	68.35	" "
Clinton.....	9.13	13.00	**13.60**	4.00	**4.12**	12.00	**9.69**	7.37	56.09	As declared on sack
Westminster....	9.31	15.00	**15.97**	4.00	**4.35**	7.00	**7.30**	4.83	58.24	" "
Derwood.....	7.85	43.00	**44.75**	6.00	**7.26**	10.00	**8.19**	7.52	24.43	As declared on sack
Linwood.....	6.16	41.00	**42.65**	6.00	**7.38**	10.00	**8.57**	7.46	27.78	" "
Hagerstown.....	7.30	41.00	**42.74**	6.00	**6.79**	10.00	**8.71**	7.85	26.61	" "
Breathedsville...	7.37	41.00	**41.59**	6.00	**6.58**	10.00	**8.16**	7.35	28.95	" "
Brunswick.....	6.69	41.00	**41.68**	6.00	**7.86**	10.00	**8.91**	7.46	27.40	" "
Frederick.....	6.75	41.00	**41.68**	6.00	**6.96**	10.00	**10.10**	7.16	27.35	" "
Woodbine.....	7.65	41.00	**41.24**	6.00	**6.06**	10.00	**10.29**	8.13	26.63	" "
Easton.....	6.63	41.00	**41.86**	6.00	**6.96**	10.00	**8.32**	7.54	28.69	As declared on sack
Colora	8.63	32.00	**32.65**	5.00	**5.23**	10.00	**8.40**	11.40	33.69	As declared on sack
Colora	9.80	24.00	**24.46**	4.50	**4.53**	11.00	**8.57**	9.65	42.99	" "
Baltimore.....	10.59	24.00	**25.49**	4.50	**4.19**	11.00	**7.30**	7.71	44.72	" "
Woodbine	11.39	24.00	**25.36**	4.50	**4.38**	11.00	**8.45**	7.99	42.43	" "

A—Protein guarantee and Ingredients on sack differ from license.
B—Also detected screenings.
C—Fat and Fibre guarantee on sack differ from license.
D—Ingredients on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Maritime Milling Co., Inc., Buffalo, N. Y. (Continued)	B. B. Hi-Test Dairy Feed 20% Protein
" " "	B. B. Marmico 16% Protein Dairy Feed, with Molasses
" " "	B. B. Marmico 16% Protein Dairy Feed, with Molasses
" " "	B. B. Marmico 16% Protein Dairy Feed, with Molasses
" " "	B. B. Daisy Egg Mash, with DBM.
" " "	B. B. Daisy Egg Mash, with DBM.
" " "	Vitamized B. B. Daisy Egg Mash, with DBM. and Cod Liver Oil
" " "	B. B. Laying Mash
" " "	Vitamized B. B. Laying Mash
" " "	Vitamized B. B. Growing Mash
" " "	Vitamized B. B. All Mash Broiler and Growing Ration
" " "	B. B. Daisy All Mash Start. and Growing Feed.
" " "	B. B. Developing Feed
" " "	Vitamized B. B. Chick Starter
" " "	B. B. Daisy Scratch Feed
" " "	B. B. Scratch Feed
C. W. McFadden & Sons, Pylesville, Md.	Laying Mash
" " "	Pure Buckwheat Middlings
" " "	Pure Wheat Bran
" " "	*Pure Wheat Middlings
" " "	Pure Corn Meal
John B. Medford, Henderson, Md.	Laying Mash
Henry Mesner & Son, Baltimore, Md.	†E-Z-Fed Laying Mash, with BM., Cod Liver Oil and Minerals
" " "	†E-Z-Fed Scratch Feed
Metcalfe Bros., Chestertown, Md.	Chester 32% Dairy Feed
" " "	Chester 20% Dairy Feed
" " "	*Chester Laying Mash
Leo H. Michael, Buckeystown, Md.	†*Laying Mash
Mt. Airy Milling Co., Mt. Airy, Md.	Lamore Egg Mash
" " "	Winter Wheat Bran, with M. R. S.
" " "	Winter Wheat Middlings, with M. R. S.
" " "	Husky Chick Starter
" " "	*Lamore Scratch Feed
Mutual Rendering Co., Inc., Phila., Pa.	Mureco Meat and Bone 50%
" " "	Mureco Meat and Bone 50%
" " "	Mureco Meat and Bone 50%
" " "	Mureco Meat and Bone 45%
" " "	Mureco Meat and Bone 45%
" " "	Mureco Feeding Tankage 60%
" " "	Mureco Feeding Tankage 60%

* Means deficient in protein or fat.
† Not licensed at time of sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore.....	10.56	20.00	**21.84**	4.50	**4.58**	12.00	**9.46**	8.80	44.76	As declared on sack
Baltimore.....	11.67	16.00	**17.55**	4.00	**4.87**	12.00	**9.32**	8.35	48.24	" "
Colora	10.56	16.00	**16.50**	4.00	**4.85**	12.00	**10.67**	12.74	44.68	" "
Woodbine	12.43	16.00	**17.00**	4.00	**4.08**	12.00	**10.77**	10.12	45.60	" "
Baltimore.....	9.04	18.00	**20.97**	3.50	**5.27**	7.00	**5.92**	9.43	49.37	" "
Cooksville.....	10.48	18.00	**19.31**	3.50	**5.30**	7.00	**5.96**	9.44	49.51	" "
Cooksville.....	9.52	18.00	**20.71**	3.50	**5.62**	7.00	**5.81**	9.54	48.80	" "
Baltimore.....	8.27	20.00	**23.96**	4.50	**5.02**	7.00	**6.25**	11.00	45.50	A.
Baltimore.....	8.89	20.00	**22.90**	4.50	**5.38**	7.00	**5.72**	11.00	46.11	A.
Baltimore.....	9.46	16.00	**17.02**	4.50	**5.31**	7.00	**6.26**	7.00	54.95	As declared on sack
Baltimore.....	9.19	15.00	**16.23**	4.00	**5.50**	7.00	**5.61**	8.14	55.33	" "
Baltimore.....	9.58	15.00	**16.32**	3.50	**5.28**	7.00	**5.78**	8.00	55.04	" "
Baltimore.....	9.85	10.00	**11.41**	2.00	**2.84**	5.00	**2.41**	1.53	71.96	" "
Baltimore.....	9.17	18.00	**18.19**	4.00	**5.42**	5.00	**4.21**	9.03	53.98	" "
Baltimore.....	11.35	9.00	**12.55**	2.50	**2.52**	5.00	**2.75**	1.45	69.38	B.
Baltimore.....	11.63	10.00	**10.71**	2.50	**2.53**	4.00	**2.76**	1.40	70.97	As declared on sack
Pylesville.....	9.55	20.00	**20.53**	5.00	**4.94**	6.00	**5.45**	12.36	47.17	As declared on sack
Pylesville.....	11.50	28.00	**28.17**	6.00	**7.52**	6.00	**5.89**	5.20	41.72	" "
Pylesville.....	9.72	13.00	**15.36**	4.50	**4.14**	5.50	**7.71**	5.25	57.82	" "
Pylesville.....	11.47	14.00	**16.23**	5.00	**4.33**	6.00	**4.03**	3.08	60.86	" "
Pylesville.....	12.90	9.00	**9.04**	3.00	**4.08**	3.00	**1.85**	1.21	70.92	" "
Henderson.....	9.51	20.00	**20.27**	5.00	**5.03**	8.50	**7.01**	8.36	49.82	C.
Baltimore.....	9.26	20.00	**21.15**	4.00	**5.02**	7.00	**6.42**	12.80	45.35	As declared on sack
Baltimore.....	12.04	10.00	**10.71**	2.50	**2.96**	5.00	**2.62**	1.36	70.31	" "
Chestertown....	7.24	32.00	**33.43**	4.00	**4.79**	10.00	**9.04**	8.02	37.48	As declared on sack
Chestertown....	8.06	20.00	**21.94**	4.00	**3.58**	10.00	**8.18**	5.02	53.22	" "
Chestertown....	7.55	20.00	**21.85**	5.00	**4.24**	10.00	**7.62**	12.84	45.90	" "
Buckeystown....	10.22	18.00	**19.66**	5.00	**4.37**	12.00	**7.68**	8.16	49.91	C.
Mt. Airy.....	8.22	19.00	**22.64**	5.50	**5.65**	8.00	**7.67**	10.94	44.88	As declared on sack
Mt. Airy.....	8.62	15.00	**16.94**	4.00	**4.09**	10.50	**10.75**	6.13	53.47	" "
Mt. Airy.....	10.54	16.00	**18.57**	4.00	**4.91**	6.00	**3.81**	3.19	58.98	" "
Mt. Airy.....	8.94	15.00	**16.58**	4.00	**4.34**	6.00	**4.02**	7.67	58.45	" "
Mt. Airy.....	12.23	10.00	**10.35**	3.00	**2.14**	4.00	**2.52**	1.41	71.35	" "
Denton.....	6.21	50.00	**50.28**	6.00	**9.96**	2.00	**2.60**	30.34	.61	As declared on sack
Frederick.....	6.27	50.00	**51.60**	6.00	**10.75**	2.00	**1.58**	28.32	1.48	" "
Berwyn	6.03	50.00	**52.13**	6.00	**11.64**	2.00	**2.44**	26.62	1.14	" "
Federalsburg....	5.55	45.00	**47.48**	6.00	**9.29**	2.00	**1.80**	34.76	1.12	" "
Denton.....	5.74	45.00	**48.79**	6.00	**9.84**	2.00	**1.67**	32.62	1.34	" "
Keedysville.....	9.10	60.00	**60.64**	6.00	**5.55**	4.00	**1.19**	23.50	.02	" "
Frederick.....	8.86	60.00	**59.15**	6.00	**6.07**	4.00	**.95**	24.85	.12	" "

A—Also detected Ground Green Peas or Pea Meal.
B—Unable to detect Clipped Oats.
C—Ingredients on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
National Milling Co., Toledo, Ohio.	Namico
O. A. Newton & Son, Bridgeville, Del.	"Cedar View" Laying Mash
Northwestern Consolidated Milling Co., Minneapolis, Minn.	XXX Comet
Nowak Milling Corp., Hammond, Ind.	*Domino 24½% Dairy Feed
" " "	‡Domino 24½% Dairy Feed
" " "	Domino Egg Pel-ets
" " "	Domino Egg Pel-ets
" " "	Domino Chick Pel-ets
" " "	Domino Pigeon-ets
" " "	Domino Rabbit Pel-ets
Nuttle Milling Co., Denton, Md.	Ideal Laying Mash
" " "	Ideal Growing Mash
" " "	Pure Wheat Bran
" " "	Pure Wheat Middlings
" " "	Ideal Chick Starter, with BM.
" " "	Ideal Scratch Feed
Geo. F. Obrecht, Baltimore, Md.	†Laying Mash
P. Frederick Obrecht & Son, Balto., Md.	†Hood 16½% Dairy Ration
" " "	†Laying Mash, with DBM.
Otterdale Milling Co., Taneytown, Md.	Pure Wheat Bran
" " "	Pure Wheat Middlings
Owings Bros., York, Pa.	June Bug 22% Dairy Feed
" " "	June Bug 22% Dairy Feed
" " "	June Bug Laying Mash
" " "	June Bug Scratch Feed
Horace G. Payne, Snow Hill, Md.	Laying Mash
" " "	Wheat Bran, with G. S. and Corn Bran
" " "	Pure Wheat Middlings
Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico.	Peevee Alfalfa Leaf Meal
Phoenix Flour Mills, Davenport, Iowa.	†Hard Wheat Standard Middlings, with Mill Run of Ground Wheat Screening
Pillsbury Flour Mills Co., Minneapolis, Minnesota.	Hard Wheat A. Middlings and Screenings Hard Wheat Standard B. Middlings and Screen.
Pratt Food Company, Hammond, Ind.	Sweet 32% Dairy Feed
" " "	†Iroquois Laying Mash
" " "	Laying Mash, with BM.
" " "	Growing Mash, with BM
" " "	Broiler Mash, with BM.
" " "	Sugared Hog Feed
" " "	†Feeding Oatmeal
" " "	†Feeding Oatmeal

* Means deficient in protein or fat.
† Not licensed at time of sale.
‡ Means deficient in both protein and fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore.....	10.00	15.00	**16.94**	3.50	**4.14**	9.00	**6.73**	7.20	54.99	Asdeclared on sack
Hurlock.....	9.23	18.00	**21.50**	4.00	**4.74**	7.50	**5.48**	11.10	47.95	As declared on sack
Baltimore.....	9.73	16.00	**20.18**	4.00	**4.51**	4.00	**1.87**	3.00	60.71	As declared on sack
Berwyn.....	8.19	24.50	**24.40**	5.00	**4.04**	10.00	**6.96**	13.26	43.15	As declared on sack
Berwyn.....	9.62	24.50	**23.28**	6.00	**4.27**	10.00	**7.71**	13.21	41.91	A. As decl'd on sack
Berwyn.....	10.08	20.00	**20.18**	4.50	**6.65**	7.50	**5.91**	11.05	46.13	As declared on sack
Berwyn.....	9.46	20.00	**21.15**	4.50	**6.14**	7.50	**5.65**	8.87	48.73	" "
Berwyn.....	10.66	16.00	**17.29**	4.00	**6.39**	5.00	**5.36**	9.62	50.68	B.
Berwyn.....	10.67	14.50	**17.29**	3.50	**5.31**	3.00	**3.09**	7.80	55.84	As declared on sack
Berwyn.....	10.17	12.00	**14.04**	4.00	**5.16**	10.00	**8.28**	9.95	52.40	" "
Denton.....	8.67	20.00	**20.45**	5.00	**5.03**	8.00	**6.27**	13.71	45.87	As declared on sack
Denton.....	9.56	15.00	**16.67**	4.00	**4.76**	6.00	**4.16**	9.46	55.39	" "
Denton.....	9.28	13.00	**14.92**	3.00	**3.17**	7.00	**6.26**	4.47	61.90	" "
Denton.....	10.97	12.00	**12.81**	2.00	**2.01**	4.00	**2.13**	2.12	69.96	" "
Denton.....	10.33	15.00	**16.06**	4.50	**4.64**	5.00	**2.75**	5.36	60.86	" "
Denton.....	11.84	9.00	**11.41**	2.50	**2.91**	4.00	**3.56**	2.00	68.28	C. As decl'd on sack
Baltimore.....	8.00	20.00	**21.24**	4.00	**4.76**	7.00	**5.76**	13.86	46.38	D.
Damascus.....	12.88	16.50	**18.32**	3.00	**3.04**	12.00	**11.93**	7.77	46.06	E.
Baltimore.....	10.35	20.00	**21.24**	4.00	**5.40**	8.00	**6.35**	8.15	48.51	F.
Taneytown.....	10.09	16.00	**17.55**	3.50	**3.84**	9.50	**8.38**	5.07	55.07	As declared on sack
Taneytown.....	11.37	15.00	**16.23**	2.50	**2.31**	3.00	**1.71**	1.55	66.83	" "
Manchester.....	8.13	22.00	**24.83**	4.00	**4.53**	11.00	**9.65**	8.90	43.96	As declared on sack
Parkton.....	9.23	22.00	**24.75**	4.00	**5.04**	11.00	**9.51**	7.74	43.73	" "
Manchester.....	8.54	20.00	**22.20**	4.00	**5.66**	9.00	**6.73**	13.46	43.41	" "
Manchester.....	11.54	9.00	**10.71**	3.00	**3.49**	4.00	**3.61**	2.00	68.65	" "
Snow Hill.....	9.54	20.00	**20.18**	4.50	**5.00**	7.00	**5.84**	9.75	49.69	As declared on sack
Snow Hill.....	9.50	14.00	**16.67**	3.50	**3.64**	10.00	**8.63**	6.60	54.96	" "
Snow Hill.....	11.02	14.00	**16.94**	3.50	**3.88**	5.00	**2.16**	2.75	63.25	G. As decl'd on sack
Frederick.....	8.15	20.00	**20.27**	2.50	**2.52**	20.00	**18.96**	11.46	38.64	As declared on sack
Frederick.....	8.30	16.00	**17.02**	4.00	**4.98**	9.50	**7.82**	5.85	56.03	As declared on sack
Elkton.....	10.19	16.00	**18.95**	4.00	**4.86**	6.00	**3.93**	3.77	58.30	As declared on sack
Elkton.....	9.74	15.00	**17.72**	4.00	**4.95**	9.50	**8.92**	5.35	53.32	" "
Cumberland....	8.01	32.00	**32.24**	4.50	**4.73**	9.00	**6.09**	11.52	37.41	As declared on sack
Hebron.....	9.02	20.00	**23.69**	5.00	**6.31**	8.00	**6.07**	10.01	44.90	" "
Baltimore.....	9.57	20.00	**21.50**	4.50	**4.52**	6.75	**6.95**	10.46	47.00	" "
Baltimore.....	8.95	17.50	**20.88**	4.50	**5.50**	7.00	**5.54**	11.07	48.06	" "
Baltimore.....	9.16	16.50	**19.31**	4.50	**4.72**	6.00	**5.16**	7.66	53.99	" "
Cumberland....	7.99	17.00	**20.36**	4.50	**4.18**	10.00	**5.46**	10.86	51.15	" "
Westminster....	8.63	15.00	**17.72**	5.00	**5.51**	3.75	**3.26**	2.92	61.96	" "
Derwood.....	9.75	15.00	**18.08**	5.00	**5.87**	3.75	**3.40**	2.93	59.97	" "

B—Also detected Linseed Oil Meal.
C—Protein, Fat and Fibre guarantee on sack differ from license.
D—Ingredients on sack differ from license. Unable to detect Linseed Oil Meal.
E—Also detected Whole Weed Seeds and Alfalfa Stem Meal—unable to detect Soy Bean Oil Meal.
F—Ingredients on sack differ from license.
A—Fat guarantee on sack differs from license.
G—Fibre guarantee on sack differs from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Pratt Food Co., Hammond, Ind. (Cont.)	Baby Chick Food, with BM
" " "	Baby Chick Food, with BM
" " "	Large Scratch Feed
" " "	Chick Scratch Feed
" " "	Intermediate Scratch Feed
" " "	Wheat & Corn Scratch Feed
" " "	Rabbit Feed, with BM
Pritchard Co., Inc., Frostburg, Md.	No. 2 Chop
" " "	Star Scratch Grains
Princess Anne Milling Co., Princess Anne, Maryland.	Pure Wheat Bran
	Pure Wheat Middlings
Proctor & Gamble Dis'g Co., Cincinnati, O.	Cocoanut Oil Meal
Quaker Oats Co., Chicago, Ill.	24% Protein Dairy Ration
" " "	20% Protein Dairy Ration
" " "	20% Protein Dairy Ration
" " "	16% Protein Dairy Ration
" " "	Ful-O-Pep Egg Mash
" " "	Ful-O-Pep Growing Mash
" " "	Ful-O-Pep Broiler Mash
" " "	Ful-O-Pep Broiler Mash
" " "	Sugared Schumacher Feed
" " "	18% Protein Pig-N-Hog Meal
" " "	Ful-O-Pep Chick Starter
" " "	Ful-O-Pep Fine Chick Feed
" " "	Oatmeal Mill By-Product, with Molasses
" " "	Ful-O-Pep Scratch Grains
" " "	Schumacher Scratch Grains N. G.
Queen Anne Roller Mill, Queen Anne, Md.	Poultry Mash
" " "	Pure Wheat Bran
" " "	Pure Wheat Midddlings
Ralston Purina Co., St. Louis, Mo.	34% Cow Chow
" " "	24% Cow Chow
" " "	24% Cow Chow (Buffalo Mill)
" " "	Egg Chowder
" " "	Egg Chowder (with Cod Liver Oil)
" " "	Egg Chowder (Containing Mineral)
" " "	Breeder Egg (Containing Mineral)
" " "	Breeder Egg (Containing Mineral)
" " "	Hen Chow
" " "	Calf Chow
" " "	All Mash Startena Chow
" " "	Chick Startena Chow (Containing Mineral)
" " "	Chick Startena Chow
" " "	Chick Growena Chow
" " "	Chick Chow
" " "	Rabbit Chow
M. G. Rankin & Co., Milwaukee, Wis.	Durham Dried Brewers Grains

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore	9.37	16.00	**19.39**	3.50	**4.39**	4.00	**3.83**	7.03	55.99	As declared on sack
Cumberland	9.34	16.00	**19.13**	3.50	**4.19**	4.00	**4.00**	8.07	55.27	" "
Baltimore	11.12	10.00	**12.90**	2.00	**2.77**	4.00	**2.67**	1.70	68.84	" "
Baltimore	10.44	10.00	**11.23**	2.00	**2.93**	4.00	**1.65**	1.45	72.30	" "
Baltimore	11.74	10.00	**10.79**	2.00	**2.22**	4.00	**1.88**	1.42	71.95	" "
Cumberland	11.44	10.00	**11.41**	2.00	**2.06**	4.00	**1.93**	1.80	71.36	" "
Baltimore	8.89	12.00	**15.97**	2.75	**3.67**	12.00	**6.28**	7.53	57.66	" "
Frostburg	9.59	8.00	**9.92**	3.00	**2.92**	18.00	**15.17**	4.27	58.13	As declared on sack
Frostburg	12.57	9.00	**10.27**	2.50	**3.34**	3.50	**3.44**	2.25	68.13	A.
Princess Anne	9.91	14.00	**15.27**	3.50	**3.36**	9.00	**10.29**	6.17	55.00	As declared on sack
Princess Anne	11.96	13.00	**14.04**	3.50	**3.61**	10.00	**4.32**	2.53	63.54	" "
Hagerstown	7.97	20.00	**21.33**	6.00	**6.70**	11.00	**10.97**	6.53	46.50	As declared on sack
Baltimore	8.60	24.00	**24.84**	4.00	**4.20**	12.00	**10.39**	8.44	43.53	As declared on sack
Glyndon	9.49	20.00	**23.15**	3.25	**3.73**	12.00	**10.56**	8.10	44.97	" "
Baltimore	9.22	20.00	**20.97**	3.25	**3.94**	12.00	**10.71**	7.51	47.65	" "
Boonsboro	9.24	16.00	**18.82**	3.50	**3.92**	13.50	**10.69**	7.25	50.08	" "
Baltimore	11.38	20.00	**22.47**	4.50	**4.54**	8.00	**6.95**	8.53	46.13	" "
Owings Mills	8.95	19.00	**21.62**	5.00	**5.43**	6.00	**4.76**	7.38	51.86	" "
Hyattsville	9.11	19.00	**19.73**	5.00	**5.95**	7.00	**5.81**	6.36	53.04	" "
Baltimore	9.19	19.00	**20.81**	5.00	**5.74**	7.00	**5.86**	5.81	52.59	" "
Owings Mills	8.98	10.00	**12.50**	3.00	**3.56**	12.00	**10.93**	7.57	56.46	" "
Boonsboro	9.07	18.00	**20.45**	3.50	**4.60**	10.00	**8.39**	8.44	49.05	" "
Cumberland	8.44	17.00	**19.60**	5.00	**5.65**	7.00	**6.35**	6.40	53.56	B.
Baltimore	9.50	11.00	**12.64**	2.50	**2.88**	2.00	**1.60**	1.60	71.78	As declared on sack
Baltimore	7.00	5.00	**6.10**	1.75	**1.64**	28.00	**25.50**	6.09	53.67	" "
Baltimore	9.89	9.00	**10.79**	2.00	**3.28**	3.00	**2.57**	1.51	71.96	" "
Hyattsville	11.06	10.00	**10.79**	2.00	**3.58**	3.50	**2.67**	1.48	70.42	" "
Queen Anne	10.61	18.00	**18.78**	5.00	**5.23**	8.00	**8.19**	8.96	48.23	As declared on sack
Queen Anne	10.02	14.00	**15.01**	3.00	**3.68**	8.00	**8.47**	4.85	57.97	" "
Queen Anne	10.45	13.00	**15.88**	3.00	**4.46**	5.00	**3.68**	3.24	62.29	" "
Woodbine	9.80	34.00	**36.21**	3.00	**4.83**	12.00	**8.33**	7.96	32.87	As declared on sack
Alesia	10.90	24.00	**24.40**	3.00	**3.88**	12.00	**9.91**	6.92	43.99	" "
Ellicott City	11.75	24.00	**24.37**	3.00	**4.08**	12.00	**9.88**	7.80	42.12	" "
Bel Air	9.99	19.00	**21.41**	3.50	**5.34**	8.00	**7.20**	10.52	45.54	" "
Annapolis	9.99	19.00	**21.06**	3.50	**4.88**	8.00	**6.71**	10.33	47.03	" "
Ellicott City	10.13	19.00	**20.80**	3.50	**4.59**	8.00	**6.96**	11.00	46.52	" "
Frederick	9.67	19.00	**22.90**	3.50	**4.87**	8.00	**6.93**	11.20	44.43	" "
Annapolis	8.57	19.00	**21.41**	3.50	**4.85**	8.00	**6.47**	10.62	48.08	" "
Bel Air	12.43	10.00	**10.53**	2.50	**3.81**	4.00	**3.33**	1.64	68.26	" "
Bel Air	9.25	27.00	**29.48**	3.20	**4.31**	4.50	**3.47**	4.60	48.89	" "
Bel Air	9.74	18.00	**21.06**	4.00	**5.45**	7.00	**5.14**	8.25	50.36	" "
Frederick	9.06	19.00	**22.29**	4.00	**4.86**	7.00	**5.82**	10.20	47.77	" "
Maugansville	9.15	19.00	**22.11**	4.00	**4.93**	7.00	**5.67**	10.60	47.54	" "
Maugansville	11.29	17.00	**18.95**	3.50	**4.36**	7.00	**5.85**	8.78	50.77	" "
Maugansville	12.53	10.00	**11.76**	2.00	**2.89**	4.00	**2.32**	1.73	68.77	" "
Bel Air	10.49	16.00	**18.52**	3.50	**4.35**	6.00	**5.94**	5.68	55.02	" "
Westminster	7.95	20.00	**25.18**	5.00	**5.37**	17.00	**9.26**	4.64	47.60	As declared on sack

A—Fibre guarantee and Ingredients on sack differ from license. Also detected Sunflower Seed.
B—Ingredients on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
A. F. Rees, Hanover, Pa.	*Meat Scrap
Reindollar Co., Taneytown, Md.	20% Dairy Ration
" " "	16% Sweet Dairy Feed
" " "	Egg Mash
" " "	Pig and Hog Meal
" " "	Pure Winter Wheat Bran
" " "	Winter Wheat Middlings, with M. R. S.
Richardson Bros., Westminster, Md.	Richbro Walck Laying Mash
" " "	Richbro Hog and Pig Meal
" " "	Richbro Baby Chick Starter
Daniel Rider, Inc., Baltimore, Md.	†Winner 24% Dairy Feed
" " "	†Winner 20% Dairy Feed
" " "	†Winner 16% Dairy Feed
" " "	†Winner Horse Feed
Rinaman & Brown, Hampstead, Md.	Brown's Egg Mash
Robinson Bros., Cardiff, Md.	32% Dairy Ration
" " "	24% Dairy Ration
" " "	20% Dairy Ration
Rowlandsville Flour Mills, Rowlandsville, Maryland.	Pure Wheat Bran
" " "	*Pure Gray Shorts
	Corn and Re-Ground Oat Feed
St. Michaels Milling Co., St. Michaels, Md.	Pure Wheat Bran
" " "	Pure Flour Middlings
Wm. G. Scarlett & Co., Baltimore, Md.	Oriole Brand AAA Pigeon Feed, without Wheat and Corn
Wm. Schluderberg-T. J. Kurdle Co., Baltimore, Md.	Esskay Quality Soluble Blood
" " "	Esskay Quality Meat Scrap
" " "	Esskay Quality Meat Scrap
" " "	Esskay Quality Meat Scrap
" " "	Esskay Quality Digester Meat Meal
" " "	Esskay Quality Meat Scrap
" " "	Esskay Quality Meat Scrap
" " "	Esskay Quality Digester Tankage
" " "	Esskay Quality Digester Tankage
Seaboard Products, Inc., Balto., Md.	†75% Meat Meal
" " "	55% Meat Scrap
" " "	†*55% Meat Scrap
" " "	50% Meat and Bone Scrap
" " "	50% Meat and Bone Scrap
" " "	†50% Meat and Bone Scrap
" " "	†50% Meat and Bone Scrap
" " "	†45% Meat and Bone Scrap
" " "	Terrapin Brand Fish Meal
" " "	†Terrapin Brand Fish Meal

* Means deficient in protein or fat.
† Not licensed at time of sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Hagerstown.....	8.48	50.00	**57.04**	10.00	**9.44**	2.25	**2.13**	19.58	3.33	As declared on sack
Taneytown.....	9.24	20.00	**22.82**	4.00	**3.94**	12.50	**9.52**	6.64	47.84	As declared on sack
Taneytown.....	10.03	16.00	**17.79**	3.00	**3.20**	11.00	**13.39**	6.02	49.57	" "
Taneytown.....	8.90	20.00	**21.76**	4.00	**5.18**	8.00	**5.95**	10.75	47.46	A.
Taneytown.....	9.73	16.50	**16.94**	4.50	**4.67**	7.00	**5.23**	9.30	54.13	As declared on sack
Taneytown.....	9.50	14.00	**15.62**	4.00	**3.91**	9.00	**10.50**	7.00	53.47	" "
Taneytown.....	10.30	16.00	**17.11**	4.50	**5.00**	5.00	**4.89**	3.79	58.91	" "
Westminster....	8.62	20.00	**22.29**	5.00	**5.20**	9.00	**7.27**	8.88	47.74	As declared on sack
Westminster....	9.87	15.00	**16.32**	5.00	**4.58**	7.00	**6.08**	5.78	57.37	B.
Westminster....	10.56	12.50	**14.22**	4.00	**4.65**	3.25	**3.28**	6.63	60.66	As declared on sack
Baltimore.....	9.47	24.00	**26.58**	4.50	**4.29**	11.00	**6.50**	6.46	46.70	As declared on sack
Baltimore.....	9.07	20.00	**20.40**	4.00	**3.99**	11.00	**7.92**	8.07	50.55	" "
Baltimore.....	9.05	16.00	**17.72**	3.00	**3.11**	11.00	**11.39**	7.96	50.77	B.
Baltimore.....	11.34	9.00	**11.08**	2.00	**2.95**	8.00	**6.67**	4.31	63.65	As declared on sack
Hampstead.....	9.69	20.00	**20.18**	4.50	**4.24**	8.00	**7.35**	8.25	50.29	As declared on sack
Cardiff.....	8.90	32.00	**32.24**	5.00	**5.18**	9.50	**8.06**	9.32	36.30	As declared on sack
Cardiff.....	10.25	24.00	**25.65**	5.00	**4.75**	10.00	**9.07**	7.91	42.37	" "
Cardiff.....	10.78	20.00	**20.72**	4.50	**4.33**	10.00	**8.85**	8.65	46.67	" "
Rowlandsville...	9.64	14.00	**15.90**	4.00	**4.06**	9.00	**9.76**	8.35	52.29	As declared on sack
Rowlandsville...	9.19	15.00	**15.80**	4.50	**3.81**	6.00	**5.53**	4.65	61.02	" "
Rowlandsville...	10.67	9.00	**10.35**	3.00	**2.85**	11.00	**9.58**	2.93	63.62	" "
Queen Anne.....	9.27	14.00	**14.39**	4.00	**3.87**	11.00	**9.24**	6.30	56.93	As declared on sack
Preston.....	11.03	14.00	**15.80**	4.00	**4.40**	6.00	**4.69**	3.60	60.48	" "
Hyattsville	6.36	16.00	**16.50**	3.00	**4.81**	4.00	**4.65**	3.23	64.45	As declared on sack
Baltimore.....	7.78	80.00	**87.97**	.50	**.54**	5.00	**.73**	2.94	.04	As declared on sack
Sykesville.....	6.19	55.00	**56.69**	6.00	**10.84**	5.00	**1.57**	24.02	.69	" "
Hampstead.....	6.68	50.00	**51.97**	6.00	**8.94**	5.00	**2.30**	29.74	.37	C.
Clinton.....	5.67	50.00	**54.14**	6.00	**10.42**	5.00	**1.63**	27.28	.86	C.
Baltimore.....	5.54	46.00	**46.95**	10.00	**10.87**	5.00	**1.77**	32.96	1.91	D.
Hagerstown.....	5.24	45.00	**47.74**	6.00	**9.10**	5.00	**1.96**	35.78	.18	C.
Taneytown.....	5.16	45.00	**49.58**	6.00	**9.40**	5.00	**1.75**	33.91	.20	C.
Baltimore.....	5.30	60.00	**61.60**	8.00	**7.33**	5.00	**1.49**	22.00	2.28	E.
Chewsville.....	5.14	60.00	**62.57**	8.00	**7.47**	5.00	**1.12**	22.66	1.04	E.
Baltimore.....	8.08	75.00	**75.64**	8.00	**16.00**	1.00	**.73**	6.87	.....	As declared on sack
Baltimore.....	5.37	55.00	**56.86**	6.00	**11.05**	3.00	**2.10**	24.56	.06	C.
Cambridge.....	5.99	55.00	**53.79**	6.00	**9.60**	3.00	**2.06**	28.15	.41	C.
Reisterstown....	5.81	50.00	**48.27**	6.00	**8.85**	3.00	**1.87**	33.88	1.32	As declared on sack
Baltimore.....	5.81	50.00	**52.13**	6.00	**9.52**	3.00	**1.85**	30.58	.11	" "
Centreville.....	5.66	50.00	**49.76**	6.00	**9.40**	3.00	**2.08**	31.16	1.94	" "
Baltimore.....	5.93	50.00	**50.37**	6.00	**9.22**	3.00	**1.47**	32.70	.31	" "
Baltimore.....	7.40	45.00	**44.67**	6.00	**12.78**	3.00	**1.25**	32.42	1.48	" "
Reisterstown....	9.02	55.00	**58.97**	6.00	**7.85**	2.00	**.86**	19.90	3.40	" "
Centreville.....	8.54	55.00	**56.43**	6.00	**9.68**	2.00	**.75**	19.68	4.92	" "

A—Also detected Ground Wheat.
B—Ingredients on sack differ from license.
C—Should be designated as Meat and Bone Scrap.
D—Also detected excessive amount of Hair and Vegetable Fibrous Material.
E—Also detected Vegetable Fibrous Material.

MANUFACTURER AND ADDRESS	NAME OF FEED
Seaboard Products, Inc., Balto., Md. (Cont.)	60% Digester Tankage
" " "	60% Digester Tankage
" " "	60% Digester Tankage
" " "	†Wheat Bran, with Screen. N. Ex. M. R.
Shenandoah Mill. Co., Inc., Shen'doah, Va.	Winter Wheat Bran
M. L. Shoemaker & Co., Inc., Phila., Pa.	Swift Sure 55% Ground Beef Scrap
" " "	Swift Sure 50% Gr. Meat and Bone Scrap
J. F. Schultz, Monkton, Md.	Laying Mash
W. G. Slugg, Milwaukee, Wis.	*Pure Dried Buttermilk Feed
D. P. Smelser & Son, New Windsor, Md.	*Winter Wheat Bran
" " "	Winter Wheat Middlings
Harry B. Smith, Baltimore, Md.	Peanut Meal
E. Wade Smith, Smithsburg, Md.	†Laying Mash
Soya Products, Inc., Chicago, Ill.	†Soybean Oil Meal
John T. Stanley Co., Inc., New York, N. Y.	†45% Meat and Bone Scrap
Star Food & Remedy Co., Wash. D. C.	Laying Mash with Milk
" " "	Laying Mash with Milk
" " "	Scratch Feed
E. Steen & Bro., Baltimore, Md.	Lady Maryland Dairy Feed
" " "	Milk Dairy Feed
" " "	Little Boy Blue Dairy Feed
" " "	Little Boy Blue Dairy Feed
" " "	Golden Goose Laying Mash, with BM.
" " "	Golden Goose Fancy Growing Mash, with BM.
" " "	Golden Goose Fattener Mash
" " "	Arundel Hog Grower
" " "	Golden Goose Baby Chick Grains
" " "	Golden Goose Fancy Developer Scratch Grains
" " "	Blue Hen Scratch Feed
" " "	Golden Goose Brand Scratch Feed
D. A. Stickell & Sons, Inc., Hagerstown, Maryland.	†Su-Pur Sweet 32% Mixing Ration
" " "	†Dairy Queen Sweet 20% Milk Maker
" " "	†Blue Ridge Egg Mash
" " "	†Blue Ridge Hog Ration
" " "	†Blue Ridge Scratch Grains
F. W. Stock and Sons, Hillsdale, Mich.	Middlings
Charles M. Struven Co., Baltimore, Md.	Fish Meal
" " "	Fish Meal
" " "	Fish Meal
" " "	Fish Meal
" " "	†Fish Meal

* Means deficient in protein or fat.
† Not licensed at time of sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Chestertown....	8.03	60.00	**60.72**	5.00	**7.44**	4.00	**2.40**	20.40	1.01	As declared on sack
Baltimore.....	8.76	60.00	**60.55**	5.00	**8.24**	4.00	**2.97**	18.40	1.08	" "
Centreville.....	7.97	60.00	**63.80**	5.00	**7.88**	4.00	**2.54**	17.36	.45	" "
Bel Air.....	7.90	13.00	**17.20**	4.00	**3.59**	13.00	**11.09**	7.53	52.69	A.
Keymar.....	10.85	16.00	**18.25**	4.00	**4.93**	8.00	**8.15**	5.68	52.14	As declared on sack
Salisbury.....	5.95	55.00	**55.46**	6.00	**9.81**	3.00	**1.97**	26.66	.15	B.
Princess Anne...	5.75	50.00	**50.46**	6.00	**10.71**	3.00	**1.60**	30.10	1.38	As declared on sack
Monkton	9.73	16.50	**18.08**	4.49	**4.26**	7.88	**8.62**	13.46	45.85	C.
Pocomoke City..	.....	30.00	**34.40**	6.00	x**1.73**	.....	.....	8.30	.....	As declared on sack
New Windsor...	10.63	15.41	**18.78**	4.30	**3.78**	9.08	**8.36**	5.33	53.12	As declared on sack
New Windsor...	11.71	15.40	**16.06**	3.45	**3.21**	3.78	**2.91**	2.48	63.63	" "
Forest Hill.....	7.59	41.00	**42.82**	6.00	**6.87**	15.00	**11.07**	6.00	25.65	As declared on sack
Smithsburg.....	10.76	17.50	**20.18**	4.00	**5.07**	7.00	**5.60**	10.03	48.36	As declared on sack
Walkersville	10.73	41.00	**42.38**	5.00	**6.37**	7.00	**5.34**	6.20	28.98	As declared on sack
Cumberland	6.55	45.00	**50.20**	10.00	**10.55**	3.00	**1.79**	27.66	3.25	As declared on sack
Bethesda.....	10.04	20.00	**19.31**	4.50	**6.07**	7.00	**5.12**	7.56	51.90	As declared on sack
Kensington.....	12.27	20.00	**19.66**	4.50	**5.77**	7.00	**5.28**	8.00	49.02	" "
Bethesda.....	12.55	10.00	**11.85**	2.50	**2.66**	5.00	**2.53**	2.12	68.29	" "
Baltimore.....	9.92	24.00	**25.17**	5.00	**4.62**	9.00	**8.72**	8.20	43.37	C. As decl'd on sack
Baltimore.....	10.73	20.00	**19.96**	3.50	**4.06**	12.00	**9.59**	8.06	47.60	D.
Baltimore.....	11.34	16.00	**16.73**	3.50	**3.42**	13.00	**9.09**	8.93	50.49	As declared on sack
Baltimore.....	9.10	16.00	**17.30**	3.50	**3.52**	13.00	**10.34**	8.95	50.79	" "
Baltimore.....	8.13	20.00	**21.94**	4.00	**5.68**	9.00	**5.82**	8.78	49.65	" "
Baltimore.....	9.02	18.00	**18.95**	4.00	**4.27**	8.50	**6.08**	9.65	52.03	D.
Baltimore.....	8.79	13.00	**15.18**	4.50	**4.87**	6.00	**4.00**	4.12	63.04	As declared on sack
Baltimore.....	8.21	16.50	**16.94**	4.50	**4.64**	7.00	**6.79**	5.38	58.04	" "
Baltimore.....	9.07	10.00	**10.88**	3.50	**5.76**	2.50	**2.02**	2.37	69.90	" "
Baltimore.....	11.01	9.00	**10.35**	2.50	**3.54**	4.00	**1.85**	1.74	71.51	" "
Baltimore.....	11.32	9.00	**10.88**	2.50	**3.22**	5.00	**2.17**	1.72	70.69	E.
Baltimore.....	10.57	10.00	**10.00**	2.50	**3.06**	5.00	**2.21**	1.55	72.61	As declared on sack
Annapolis.....	8.65	32.00	**32.29**	4.50	**5.25**	10.00	**8.48**	9.03	36.30	As declared on sack
Annapolis.....	11.34	20.00	**22.25**	3.50	**4.37**	10.00	**8.53**	7.19	46.32	" "
Annapolis.....	10.16	20.00	**20.45**	5.00	**6.35**	6.00	**4.66**	9.75	48.63	" "
Annapolis.....	11.74	17.00	**19.73**	3.00	**4.36**	6.00	**6.20**	10.06	47.91	" "
Annapolis.....	12.60	10.00	**10.79**	2.50	**2.43**	5.00	**2.27**	2.35	69.56	" "
Frederick.....	11.39	16.00	**16.41**	4.00	**3.63**	7.00	**3.74**	2.89	61.94	As declared on sack
Walkersville	5.06	55.00	**55.99**	4.00	**10.93**	2.00	**.66**	23.54	3.82	As declared on sack
Baltimore.....	5.61	55.00	**57.04**	4.00	**10.99**	2.00	**.92**	22.74	2.70	" "
Hagerstown.....	8.37	55.00	**60.67**	4.00	**10.38**	2.00	**.60**	17.00	2.98	" "
Chewsville.....	6.56	55.00	**55.64**	4.00	**11.26**	2.00	**.59**	23.69	2.26	" "
Princess Anne...	6.07	55.00	**57.48**	4.00	**10.25**	2.00	**.98**	22.84	2.38	" "

A—Sample has a musty odor—large amount of Whole Weed Seeds, Weed Seed Coats, Chaff, etc.
B—Should be designated Meat and Bone Scrap.
C—Fat and Fibre guarantee on sack differ from license.
D—Ingredients on sack differ from license. E—Unable to detect Sunflower Seed.
x Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Stuhr-Seidl Company, Minneapolis, Minn.	Spence Flaxcreen Feed
" " "	†Spence Flaxcreen Feed
" " "	†Spence Flaxcreen Feed
Suffolk Oil Mill, Inc., Suffolk, Va.	Peanut Meal
" " "	Peanut Meal
" " "	Farm Boy Peanut Meal
" " "	Farm Boy Peanut Meal
Supplee-Wills-Jones Milk Co., Phila., Pa.	Roller Process Skim Milk Powder
Swift and Company, Chicago, Ill.	Fifty-Five Meat Scraps
" " "	Meat and Bone Scraps
" " "	Laymore Meat and Bone Scraps
" " "	Dried Buttermilk
Taneytown Grain & Supply Co., Taneytown, Md.	Taney Laying Mash
	Taney Pig and Hog Feed
Thomas and Company, Frederick, Md.	†Victory Dairy Feed
" " "	†Dairy Feed
Thurmont Milling & Supply Corp., Thurmont, Md.	Pure Wheat Bran
	*Pure Wheat Middlings
J. T. Towson & Son, Smithsburg, Md.	†Laying-Mash
Jacob Trinley & Sons, Linfield, Pa.	Mixing Special
Ubiko Milling Co., Cincinnati, Ohio.	Sunbeam Dairy Ration
" " "	Clover Bloom Sweet 20% Feed
" " "	Clover Bloom Sweet 16% Feed
Unique Milling Co., Friendsville, Md.	Pure Wheat Bran
" " "	Pure Wheat Middlings
Universal By-Products Co., San Francisco, California.	"22" Universal Brand Pure Dried Buttermilk
	"22" Universal Brand Pure Dried Buttermilk
Union Sales Corp., Distributor for Union Starch & Refining Co., Columbus, Ind.	Union Corn Gluten Feed
Van Iderstine Co., Long Island City, N. Y.	Vico High Protein Meat Scraps for Poultry
" " "	Vico High Protein Meat Scraps for Poultry
" " "	Vico Quality Meat and Bone Scraps for Poultry
" " "	Vico Quality Meat and Bone Scraps for Poultry
" " "	Vico Digester Tankage for Hogs
Vitality Mills, Inc., Chicago, Ill.	†Honor Dairy Feed, with Beet Pulp
" " "	†Sweet Honey Bee Dairy Feed
" " "	†Sunflower Egg Mash Mineralized
" " "	†Calf Meal
" " "	Special Rosebro Horse Feed
" " "	Special Rosebro Horse Feed
" " "	†Honey Bee Horse Feed

* Means deficient in protein or fat.
† Not licensed at time of sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Walkersville	9.02	15.00	**17.02**	8.00	**9.86**	12.00	**10.47**	6.47	47.16	As declared on sack
Frederick	9.05	15.00	**17.55**	8.00	**10.17**	12.00	**11.52**	7.92	43.79	" "
Gaithersburg	9.21	15.00	**17.90**	8.00	**10.98**	12.00	**11.19**	7.46	43.26	" "
Sparks	5.73	41.00	**41.98**	6.00	**6.88**	8.00	**7.00**	6.96	31.45	As declared on sack
Baltimore	5.58	41.00	**42.30**	6.00	**7.09**	8.00	**7.45**	6.64	30.94	" "
Baltimore	6.73	36.00	**37.21**	6.00	**9.17**	12.00	**8.14**	6.14	32.61	" "
Baltimore	6.82	36.00	**36.00**	6.00	**9.29**	12.00	**9.85**	4.22	33.82	" "
Hagerstown	.....	30.00	**35.19**	.50	x**.92**	....	....	8.13	.....	As declared on sack
Baltimore	5.67	55.00	**57.13**	6.00	**13.33**	3.00	**3.05**	20.43	.39	A.
Baltimore	5.42	50.00	**54.93**	6.00	**13.48**	3.00	**3.02**	22.75	.40	A.
Baltimore	7.07	45.00	**50.02**	6.00	**10.56**	3.00	**2.87**	26.45	3.03	A.
Hagerstown	.....	30.00	**33.35**	5.50	x**5.89**	....,	.....	11.26	.....	As declared on sack
Taneytown	10.00	18.00	**20.53**	4.50	**5.30**	6.75	**5.80**	10.43	47.94	As declared on sack
Taneytown	11.38	16.50	**20.61**	4.25	**4.54**	6.75	**6.95**	6.99	49.53	" "
Gaithersburg	10.54	24.00	**24.33**	4.00	**3.82**	11.00	**7.93**	6.54	46.84	As declared on sack
Gaithersburg	11.30	16.50	**19.46**	3.00	**3.80**	11.00	**7.70**	6.51	51.23	" "
Thurmont	9.05	14.00	**15.97**	4.00	**3.94**	13.00	**9.44**	6.48	55.12	As declared on sack
Thurmont	11.15	15.00	**16.06**	4.50	**3.47**	6.00	**3.14**	2.65	63.53	" "
Smithsburg	8.78	20.00	**21.24**	4.00	**5.78**	9.00	**6.60**	14.18	43.42	As declared on sack
Baltimore	9.33	3.00	**6.76**	1.00	**1.08**	15.00	**18.72**	7.10	57.01	As declared on sack
Mt. Airy	9.28	24.00	**24.34**	4.00	**4.60**	12.00	**9.82**	10.44	41.52	As declared on sack
Mt. Airy	9.00	20.00	**21.11**	3.00	**4.45**	12.00	**10.93**	10.78	43.73	" "
Mt. Airy	10.11	16.00	**17.17**	3.00	**3.21**	15.00	**12.04**	8.26	49.21	" "
Friendsville	10.45	14.74	**15.09**	4.04	**3.78**	9.31	**9.61**	5.70	55.37	As declared on sack
Friendsville	12.12	14.04	**16.67**	4.19	**4.81**	4.11	**3.20**	3.63	59.57	" "
Baltimore	.....	32.00	**32.82**	5.00	x**5.64**	.....	.....	8.58	.....	As declared on sack
Baltimore	.....	32.00	**33.35**	5.00	x**5.45**	.....	.....	9.41	.....	" "
Cardiff	9.54	23.00	**25.18**	1.00	**2.13**	8.00	**8.02**	7.56	47.57	As declared on sack
Hagerstown	6.09	55.00	**58.53**	5.00	**10.00**	3.00	**3.53**	21.76	.09	As declared on sack
Keymar	7.15	55.00	**58.09**	5.00	**10.58**	3.00	**3.31**	20.77	.10	" "
Westminster	6.28	50.00	**52.13**	5.00	**5.09**	3.00	**2.97**	26.38	7.15	" "
Keymar	6.61	50.00	**51.78**	5.00	**10.52**	3.00	**3.34**	26.72	1.03	" "
Hagerstown	11.33	60.00	**63.62**	1.00	**5.14**	3.50	**2.81**	15.94	1.16	B.
Hancock	9.55	20.00	**20.01**	4.00	**4.17**	12.00	**10.90**	7.80	47.57	As declared on sack
Hancock	11.15	16.00	**16.92**	4.00	**4.41**	12.00	**11.17**	10.53	45.82	C.
Hancock	11.53	20.00	**20.01**	4.50	**4.67**	8.00	**5.61**	11.22	46.96	As declared on sack
Hancock	10.22	18.00	**18.25**	5.00	**3.88**	5.00	**4.52**	7.06	56.07	" "
Baltimore	13.03	9.00	**11.94**	2.00	**3.50**	11.00	**6.47**	3.13	61.93	" "
Baltimore	13.29	9.00	**11.78**	2.00	**2.43**	11.00	**8.10**	5.26	59.14	" "
Hancock	9.26	9.00	**10.79**	3.00	**3.22**	10.00	**6.80**	7.40	62.53	D.

A—Also detected an excessive amount of Hair.
B—Also detected Vegetable Fibrous Material.
C—Also detected Whole Weed Seeds.
D—Unable to detect Barley.
x Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Vitality Mills, Inc., Chicago, Ill. (Cont.)	†Sugared Velvet Stock Feed
" " "	†Pig Meal
" " "	†Circle Bee Chick Starter
" " "	†Sunflower Scratch Feed
Joseph E. Walter, Parkton, Md.	Pure Buckwheat Middlings
" " "	Pure Wheat Bran
" " "	‡Pure Wheat Middlings
A. E. Warren, Snow Hill, Md.	Laying Mash
" " "	Starter and Growing Mash
Washington Flour Mill, Washington, Mo.	†Pure Wheat Bran
C. B. Watkins & Co., Baltimore, Md.	"Foxhall" Laying Mash
" " "	"Foxhall" Hog Feed
" " "	"Peerless" Chick Mash, with Cod Liver Oil
" " "	"Peerless" Scratch Grains
R. C. Wells & Co., Baltimore, Md.	†Victor Scratch Grains
Western Run Mill, Cockeysville, Md.	†*Pure Wheat Middlings
Westover Mills, Westover, Md.	*Pure Wheat Bran
" " "	‡Pure Wheat Middlings
" " "	Perfection Scratch Feed
D. S. Weybright, Thurmont, Md.	†Laying Mash
Wheeler Supply Co., Glyndon, Md.	Special Laying Mash
M. F. Wiley, Detour, Md.	*Pure Wheat Middlings
Wilkins Rogers Milling Co., Inc., Washington, D. C.	Grassy Mead 26% Dairy Feed
" " "	†Big 5 Dairy Feed
" " "	Md. Univ. 1928 Contest Egg Mash Formula
" " "	Washington Growing Mash
" " "	Red Raven 85% Horse Feed
" " "	Washington Pure Wheat Middlings
" " "	†*Ground Screenings
" " "	Washington Baby Chick Mash
" " "	Washington Intermediate Scratch Feed
" " "	Producer Scratch Feed
" " "	Washington Scratch Feed
W. B. Wright & Son, White Hall, Md.	Laying Mash

* Means deficient in protein or fat.
† Not licensed at time of sale.
‡ Means deficient in both protein and fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Hancock	10.58	8.00	**10.51**	3.00	**3.34**	12.00	**10.45**	8.40	56.72	As declared on sack
Hancock	12.60	18.00	**18.39**	3.50	**5.13**	7.00	**4.64**	9.29	49.95	A.
Hancock	11.01	14.50	**15.00**	4.00	**4.12**	5.00	**3.27**	9.42	57.18	As declared on sack
Hancock	14.18	10.00	**10.62**	2.50	**3.24**	5.00	**2.39**	2.25	67.32	B.
Parkton	12.33	24.00	**25.97**	7.00	**6.56**	6.00	**8.74**	4.85	41.55	As declared on sack
Parkton	10.64	14.00	**15.80**	3.00	**2.91**	8.00	**5.75**	3.75	61.15	" "
Parkton	12.87	14.00	**12.99**	4.00	**2.15**	6.00	**1.52**	1.78	68.69	" "
Snow Hill	10.10	18.00	**18.78**	4.00	**5.37**	7.00	**5.56**	8.69	51.50	As declared on sack
Snow Hill	9.92	17.00	**17.99**	4.00	**4.84**	6.00	**3.19**	6.60	57.46	" "
Mt. Lake Park	10.29	14.50	**15.09**	3.50	**4.34**	11.00	**9.32**	6.98	53.98	As declared on sack
Baltimore	8.17	20.13	**22.46**	4.85	**4.64**	8.25	**8.68**	8.64	47.41	As declared on sack
Baltimore	9.30	15.25	**19.48**	2.98	**4.03**	7.33	**8.18**	8.53	50.48	" "
Baltimore	9.23	13.50	**16.41**	3.75	**3.94**	8.25	**9.05**	8.57	52.80	" "
Baltimore	10.25	10.00	**10.88**	3.00	**3.87**	5.00	**3.32**	1.86	69.82	" "
Baltimore	12.35	10.00	**11.23**	2.50	**2.76**	5.00	**2.69**	1.21	69.76	As declared on sack
Western Run	11.99	14.00	**15.53**	3.50	**2.99**	6.00	**2.52**	2.17	64.80	As declared on sack
Westover	10.21	14.00	**16.67**	3.50	**2.67**	10.00	**6.40**	4.27	59.78	As declared on sack
Westover	11.51	14.00	**11.41**	3.50	**1.86**	5.00	**1.32**	1.64	72.26	" "
Westover	12.03	9.00	**9.48**	2.50	**2.81**	4.00	**2.63**	1.14	71.91	C.
Thurmont	9.68	20.00	**23.69**	4.00	**4.69**	12.00	**5.62**	8.03	48.29	D.
Glyndon	10.60	20.00	**23.34**	4.50	**5.62**	7.00	**9.48**	9.36	41.60	As declared on sack
Linwood	11.59	14.00	**15.27**	3.50	**2.90**	3.00	**2.09**	2.92	65.23	E.
Gaithersburg	8.77	26.00	**26.85**	5.00	**5.24**	9.00	**9.15**	5.53	44.46	As declared on sack
Upper Marlboro	9.06	20.00	**22.38**	5.00	**6.22**	12.00	**8.95**	5.50	47.89	" "
Annapolis	9.52	20.00	**21.32**	5.00	**6.26**	7.00	**6.00**	8.38	48.52	" "
Upper Marlboro	8.99	17.00	**20.27**	5.00	**5.73**	6.00	**5.09**	7.26	52.66	" "
Upper Marlboro	11.57	8.00	**12.00**	3.00	**3.42**	10.00	**7.32**	4.26	61.43	" "
Clinton	11.15	15.50	**17.90**	4.00	**4.58**	7.00	**3.69**	4.33	58.35	" "
Upper Marlboro	11.27	8.00	**14.83**	3.00	**2.26**	9.00	**3.22**	1.62	66.80	" "
Upper Marlboro	9.46	18.00	**18.62**	4.50	**5.17**	5.50	**4.54**	6.44	55.77	F.
Upper Marlboro	10.29	10.00	**11.23**	2.50	**4.23**	3.00	**2.22**	1.94	70.09	As declared on sack
Annapolis	11.85	10.00	**11.85**	2.50	**3.41**	4.00	**3.17**	1.94	67.78	G.
Upper Marlboro	12.37	10.00	**10.35**	2.50	**3.36**	4.00	**2.79**	1.62	69.51	As declared on sack
White Hall	9.84	18.00	**18.69**	4.00	**4.01**	11.00	**10.91**	9.30	47.25	As declared on sack

A—Also detected Ground Oats and/or Ground Barley and Weed Seed Coats indicating Screenings added.
B—Ingredients as declared—Cracked Corn and Wheat present. Show evidence of mold.
C—Fibre guarantee and Ingredients on sack differ from license.
D—Alfalfa in feed but not declared on tag.
E—Fat and Fibre guarantee on sack differ from license.
F—Ingredients on sack differ from license.
G—Ingredients on sack differ from license. Unable to detect Milo Maize.

MANUFACTURER AND ADDRESS	NAME OF FEED
Allied Mills, Inc., Chicago, Ill.	Wayne Kibbled Biscuit
Battle Creek Dog Food Co., Battle Creek, Michigan.	Miller's A-1 Ration
Derwood Mill, Derwood, Md.	†Dog Food
Dietrich & Gambrill, Inc., Frederick, Md.	*Dog Biscuits, Broken
Kennel Food Supply Co., Fairfield, Conn.	Cero-Meato
Old Trusty Dog Food Company, Needham Heights, Mass.	Puppy Meal
Pratt Food Co., Hammond, Ind.	†*Improved Dog Biscuit
" " "	†*Improved Kibbled Biscuit

* Means deficient in protein or fat.
† Not licensed at time of sale.

MANUFACTURER AND ADDRESS	NAME OF FEED
East Coast Trading Co., Baltimore, Md.	Soluble Minerals
Ronck & Bevis Company, Phila., Pa.	Ro-Be Feeding Mineral

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Cumberland	9.05	15.00	**21.67**	1.00	**.85**	1.50	**.55**	4.25	63.63	As declared on pack.
Baltimore.....	8.05	11.50	**16.15**	1.70	**1.62**	13.00	**1.04**	5.64	67.50	As declared on pack.
Derwood.....	9.95	21.00	**21.41**	4.00	**3.81**	4.00	**3.72**	12.12	48.99	As declared on pack.
Bethesda.....	9.42	18.00	**23.34**	2.50	**1.82**	2.00	**1.72**	6.80	56.90	As declared on pack.
Baltimore.....	7.82	18.00	**19.83**	1.00	**1.96**	4.00	**2.60**	7.48	60.31	As declared on pack.
Baltimore.....	7.54	18.82	**20.18**	1.41	**.94**	.54	**1.03**	2.94	67.37	As declared on pack.
Cumberland	7.84	14.00	**21.94**	1.70	**.60**	1.30	**.72**	4.20	64.70	As declared on pack.
Cumberland	8.88	14.00	**21.94**	1.70	**.88**	1.30	**.68**	3.46	64.16	" "

SAMPLED FROM	Calcium Oxide		PHOSPHORUS P_2O_5		Salt	
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Chewsville.....	30.00	**28.89**	20.00	**20.90**	.....	**.16**
Keymar.....	45.00	**47.71**	15.00	**18.60**	9.00	**6.43**

LIME ANALYSES

A detailed report of the results obtained in the inspection and analysis of agricultural liming materials from January 1, 1932, to July 1, 1932, is contained in pages 72 to 75 inclusive.

ANALYSES OF AGRICULTURAL BURNT LIME (OXIDES)

No.	Name of Manufacturer	Name of Lime	Place of Sampling	Calcium Oxide CaO		Magnesium Oxide MgO		Sand & Insol. (no Val.)	Total Oxides CaO+MgO
				Guaranteed	Found	Guaranteed	Found	Found	
2688	J. E. Baker Co., York, Pa.	Victor Burned Lime	Queen Anne	85.00	**93.17**	3.00	**5.49**	**.97**	**98.66**
2677	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Agricultural Lump Lime	Woodsboro	85.00	**85.01**	5.00	**4.65**	**1.87**	**89.66**
2642	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Agricultural Lump Lime	Woodsboro	85.00	**90.16**	5.00	**1.61**	**1.00**	**91.77**
2724	S. W. Barrick & Sons, Inc., Woodsboro, Md.	H. G. Agricultural Lime	Forest Hill	75.00	**77.95**	5.00	**6.88**	**3.96**	**84.83**
2679	S. W. Barrick & Sons, Inc., Woodsboro, Md.	H. G. Agricultural Lime	Woodsboro	75.00	**79.41**	5.00	**5.72**	**2.23**	**85.13**
2705	Cavetown Planing Mill Co., Cavetown, Md.	Lump Lime	Cavetown	80.00	**74.04**	2.00	**20.84**	**1.07**	**94.88**
2702	Cavetown Planing Mill Co., Cavetown, Md.	Ground Burned Lime	Cavetown	80.00	**70.45**	2.00	**18.05**	**5.02**	**88.50**
2714	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Agricultural Lime	Frederick	86.00	**85.57**	4.00	**12.91**	**.26**	**98.48**
2640	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Agricultural Lime	Frederick	86.00	**73.02**	4.00	**22.24**	**.20**	**95.26**
2713	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Ground Lime	Frederick	75.00	**80.86**	5.00	**7.92**	**2.91**	**88.78**
2712	LeGore Lime Co., LeGore, Md.	Lump Lime	LeGore	80.00	**91.84**	3.00	**1.28**	**2.16**	**93.12**
2704	LeGore Lime Co., LeGore, Md.	Ground Burnt Lime	LeGore	75.00	**73.69**	5.00	**6.60**	**6.67**	**80.29**
2728	Marshall Porter, Eckhart Mines, Md.	Lump Lime	Winchester Rd.	....	**87.25**	....	**4.70**	**.68**	**91.95**
2672	Edward Savage, Friendsville, Md.	Agricultural Lump Lime	Friendsville	68.00	**68.43**	2.00	**2.75**	**17.44**	**71.18**
2708	Shank & Etzler Lime Co., Frederick, Md.	Agric. Lump Lime in Bulk	Frederick	60.71	**60.00**	30.00	**37.15**	**.20**	**97.86**
2637	Shank & Etzler Lime Co., Frederick, Md.	Agric. Lump Lime in Bulk	Frederick	58.80	**60.00**	30.00	**39.43**	**.10**	**98.23**
2703	Shank & Etzler Lime Co., Frederick, Md.	Gr. Burned Lime in Bags	Frederick	55.00	**61.15**	25.00	**29.44**	**3.34**	**90.59**
2636	Shank & Etzler Lime Co., Frederick, Md.	Gr. Burned Lime in Bags	Frederick	55.00	**56.34**	25.00	**33.53**	**4.32**	**89.87**
2717	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Lump Lime	Thurmont	50.00	**54.21**	30.00	**37.54**	**4.10**	**91.75**
2626	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Lump Lime	Thurmont	60.00	**56.67**	25.00	**38.38**	**1.15**	**95.05**
2627	H. M. Spahr L'e & Stone Co., Thurm't, Md.	*Calimag Gr. Burnt Lime	Thurmont	60.00	**47.49**	25.00	**32.48**	**6.81**	**79.97**
2682	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock Lump Lime	Woodsboro	85.00	**93.51**	2.00	**1.92**	**.57**	**95.43**
2680	Stoner & Powell, Woodsboro, Md.	*Old Reliable Fountain Rock Ground Lime	Woodsboro	75.00	**70.67**	8.00	**4.37**	**9.15**	**75.04**
2734	I. M. Wertz, Hagerstown, Md.	Lime	Hagerstown	60.00	**62.61**	5.00	**6.04**	**17.84**	**68.65**

* Indicates product deficient in total oxides.

ANALYSES OF AGRICULTURAL HYDRATED LIME

2722	American Lime & Stone Co.	Ball Mine High Calcium							

		Rock Ground Lime	Woodsboro	75.00	**70.67**	8.00	**4.37**	**9.15**	**75.04**
2734	I. M. Wertz, Hagerstown, Md.	Lime	Hagerstown	60.00	**62.61**	5.00	**6.04**	**17.84**	**68.65**

* Indicates product deficient in total oxides.

ANALYSES OF AGRICULTURAL HYDRATED LIME

2722	American Lime & Stone Co., Bellefonte, Pa.	Bell Mine High Calcium Hydrated Lime	Elkton	69.00	**71.90**	1.00	**1.08**	**.38**	**72.98**
2689	J. E. Baker Co., York, Pa.	Susquehanna Hydr'd Lime	Queen Anne	65.00	**66.86**	3.00	**8.18**	**.46**	**75.04**
2723	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Agric. Hydrated Lime	Forest Hill	60.00	**61.93**	5.00	**4.38**	**5.06**	**66.31**
2693	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Agric. Hydrated Lime	Mardela Spr's	60.00	**64.96**	5.00	**4.76**	**3.43**	**69.72**
2678	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Agric. Hydrated Lime	Woodsboro	60.00	**65.29**	5.00	**4.15**	**5.57**	**69.44**
2641	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Agric. Hydrated Lime	Woodsboro	60.00	**63.73**	5.00	**4.88**	**4.68**	**68.61**
2694	Blair Limestone Co., Martinsburg, W. Va.	Opequon Hydrated Lime	Salisbury	67.00	**67.98**	2.00	**1.88**	**2.75**	**69.86**
2691	Chemical Lime Co., Inc., Bellefonte, Pa.	"Clover" Br. Hydr'd Lime	Salisbury	69.45	**72.69**	1.00	**1.20**	**.26**	**73.89**
2617	Chemical Lime Co., Inc., Bellefonte, Pa.	"Clover" Br. Hydr'd Lime	Baltimore	69.45	**72.90**	1.00	**1.11**	**.29**	**74.01**
2690	Chester Valley Lime & Products Co., West Chester, Pa.	Hydrated Lime	Salisbury	46.50	**45.81**	31.50	**33.28**	**1.05**	**79.09**
2715	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Frederick	65.00	**64.06**	5.00	**8.55**	**2.41**	**72.61**
2697	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Laurel	65.00	**72.46**	5.00	**1.18**	**.20**	**73.64**
2695	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Reisterstown	65.00	**63.50**	5.00	**8.46**	**1.89**	**71.96**
2639	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Frederick	65.00	**64.40**	5.00	**6.55**	**2.67**	**70.95**
2618	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Baltimore	65.00	**73.25**	5.00	**.96**	**.08**	**74.21**
2711	LeGore Lime Co., LeGore, Md.	Hydrated Lime	LeGore	60.00	**64.06**	5.00	**5.39**	**4.34**	**69.45**
2623	LeGore Lime Co., LeGore, Md.	Hydrated Lime	Baltimore	60.00	**63.62**	5.00	**8.12**	**2.46**	**71.74**
2741	Luckey Lime & Supply Co., Luckey, Ohio	Luckey General Purpose White Hydrated Lime	Baltimore	42.80	**43.90**	32.70	**31.29**	**.22**	**75.19**
2706	North Amer. Cement Corp., Balto., Md.	Berkeley Hydrated Lime	Boonsboro	70.00	**71.68**	2.00	**1.56**	**.15**	**73.24**
2665	North Amer. Cement Corp., Balto., Md.	Berkeley Hydrated Lime	Up'r Marlboro	70.00	**72.80**	2.00	**1.46**	**.13**	**74.26**
2643	North Amer. Cement Corp., Balto., Md.	Berkeley Hydrated Lime	Crownsville	70.00	**72.35**	2.00	**1.56**	**.16**	**73.91**
2673	Ohio Hydrate & Supply Co., Woodville, Ohio	Agric. Hydrated Lime	Friendsville	45.00	**49.17**	31.70	**34.86**	**.18**	**84.03**
2707	Shank & Etzler Lime Co., Frederick, Md.	Hydrated Lime in Bags	Frederick	45.00	**43.68**	20.00	**27.25**	**8.02**	**70.93**
2635	Shank & Etzler Lime Co., Frederick, Md.	Hydrated Lime in Bags	Frederick	45.00	**47.60**	20.00	**26.18**	**5.88**	**73.78**
2718	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Hydrated Lime	Thurmont	45.00	**41.77**	20.00	**28.23**	**3.69**	**70.00**
2698	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Hydrated Lime	Up'r Marlnoro	45.00	**41.89**	20.00	**28.78**	**4.49**	**70.67**
2685	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Hydrated Lime	Glyndon	50.00	**40.77**	20.00	**29.02**	**5.88**	**69.79**
2628	H. M. Spahr L'e & Stone Co., Thurm't, Md.	Calimag Hydrated Lime	Thurmont	50.00	**41.44**	15.00	**28.63**	**6.10**	**70.07**
2699	Steacy & Wilton Co., Wrightsville, Pa.	"Sterling" Br. Hydr'd Lime	Annapolis	67.00	**70.34**	5.00	**3.55**	**.42**	**73.89**
2663	Steacy & Wilton Co., Wrightsville, Pa.	"Sterling" Br. Hydr'd Lime	Reisterstown	67.00	**71.57**	5.00	**2.53**	**.67**	**74.10**

ANALYSES OF AGRICULTURAL HYDRATED LIME

No.	Name of Manufacturer	Name of Lime	Place of Sampling	Calcium Oxide CaO		Magnesium Oxide MgO		Insol. (no Sand & Val.)	Total Oxides CaO+MgO
				Guaranteed	Found	Guaranteed	Found	Found	
2681	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock Hydrated Lime	Woodsboro	60.00	**60.48**	2.00	**2.90**	**4.89**	**63.38**
2740	Superior Lime Co., York, Pa.	Superior Brand Lime	Baltimore	65.00	**64.74**	5.00	**8.96**	**.29**	**73.70**
*	Universal Gypsum & Lime Co., Chicago, Ill.	Palmer Hydrated Lime	Cardiff	68.00	**70.89**	2.50	**1.68**	**.15**	**72.57**
2692	Warner Co., Philadelphia, Pa.	Limoid (Hydrated Lime)	Preston	46.50	**48.05**	31.00	**34.63**	**.91**	**82.68**
2729	Washington Bldg. Lime Co., Balto., Md.	Stand. Hydr'd Lime in Bags	Rockville	70.00	**72.46**	2.00	**1.45**	**.88**	**73.91**
2700	Washington Bldg. Lime Co., Balto., Md.	Stand. Hydr'd Lime in Bags	Annapolis	70.00	**72.57**	2.00	**1.17**	**.30**	**73.74**
2696	Washington Bldg. Lime Co., Balto., Md.	Stand. Hydr'd Lime in Bags	Loch Raven	70.00	**72.35**	2.00	**1.29**	**.40**	**73.64**
2686	Washington Bldg. Lime Co., Balto., Md.	Stand. Hydr'd Lime in Bags	Gaithersburg	70.00	**72.91**	2.00	**1.18**	**.63**	**74.09**
2668	Washington Bldg. Lime Co., Balto., Md.	Stand. Hydr'd Lime in Bags	Baltimore	70.00	**73.69**	2.00	**1.17**	**.30**	**74.86**
	We take pleasure in correcting an error made in Bulletin No. 142 on product outlined below.								
*2602	Universal Gypsum & Lime Co., Chicago, Ill.	Palmer Hydrated Lime	Cardiff	68.00	**71.34**	2.50	**2.04**	**.32**	**73.38**

ANALYSES OF AGRICULTURAL LIMESTONE, MARL, AND OYSTER SHELLS

2736	J. E. Baker Co., York, Pa.	†Snow Flake Gr. Limestone	Greensboro	48.00	**46.93**	1.00	**7.61**	**1.86**	**54.54**
2624	Beaver Dam Marble Co., Cockeysville, Md.	*†Dolomitic Limestone	Cockeysville	30.00	**28.67**	21.00	**18.62**	**10.75**	**47.29**
2630	Herbert Bryant's Son, Alexandria, Va.	†Pulv. Oyster Shell Lime	Dickerson	45.00	**47.26**	....	**.83**	**9.59**	**48.09**
2727	Herbert Bryant's Son, Alexandria, Va.	†Pulv. Oyster Shell Lime	Dickerson	45.00	**47.15**	....	**.63**	**2.15**	**47.78**
2716	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	†Pulverized Limestone	Frederick	50.00	**52.97**	....	**1.19**	**2.26**	**54.16**
2638	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	†Pulverized Limestone	Frederick	50.00	**53.42**	....	**1.02**	**1.60**	**54.44**
2709	Standard Lime & Stone Co., Baltimore, Md.	†Pulverized Limestone	Brunswick	53.20	**53.87**	.50	**.86**	**.71**	**54.73**
2684	Standard Lime & Stone Co., Baltimore, Md.	†Pulverized Limestone	Frederick	53.20	**53.87**	.50	**.89**	**.82**	**54.76**
2725	Universal Gypsum & Lime Co., Chicago, Ill.	†Challenge Brand Limestone Flour	Cardiff	48.00	**53.20**	6.00	**2.12**	**.43**	**55.32**

ANALYSES OF MISCELLANEOUS PRODUCTS

2671	J. E. Baker Co., York, Pa.	Agri-Lime	Easton	45.00	**48.49**	28.00	**34.91**	**4.67**	**83.40**
2710	LeGore Lime Co., LeGore, Md.	All-in-One Agric. Lime	LeGore	45.00	**51.41**	5.00	**4.89**	**11.33**	**56.30**
2683	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock 50-50	Woodsboro	55.00	**57.90**	3.00	**2.94**	**5.60**	**60.84**

* Indicates product deficient in total oxides. † Ground Shell orStone, Mechanical Analyses see page 9.

2710	LeGore Lime Co., LeGore, Md.	All-in-One Agric. Lime	LeGore	45.00	**51.41**	5.00	**4.89**	**11.33**	**56.30**
2683	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock 50-50	Woodsboro	55.00	**57.90**	3.00	**2.94**	**5.60**	**60.84**

* Indicates product deficient in total oxides.

† Ground Shell or Stone, Mechanical Analyses see page 9.

ANALYSES OF GYPSUM OR LAND PLASTER

No.	Name of Manufacturer	Name of Lime	Place of Sampling	Calcium Sulphate		Sand and Insol. (no value) Found
				Guaranteed	Found	
2666	American Agricultural Chemical Co., New York, N. Y.	Fine Ground Nova Scotia Land Plaster	Waldorf	77.70	**78.21**	**1.86**
2622	American Agricultural Chemical Co., New York, N. Y.	Fine Ground Nova Scotia Land Plaster	Baltimore	77.70	**76.11**	**2.05**

TABLE II—SHOWING MECHANICAL ANALYSES OF GROUND LIMESTONE AND GROUND OYSTER SHELLS.

For the chemical Analyses of these samples, see preceding table. Figures are percentages or pounds per hundred. "Mesh" indicates the sieve used: "20 Mesh" has 20 wires to the inch.

No.	Name of Manufacturer	Name of Lime or Kind	Finer than 100 Mesh	Between 80 & 100 Mesh	Between 60 & 80 Mesh	Between 40 & 60 Mesh	Between 20 & 40 Mesh	Coarser than 20 Mesh
2736	J. E. Baker Co., York, Pa.	Snow Flake Ground Limestone	100	0	0	0	0	0
2624	Beaver Dam Marble Co., Cockeysville, Md.	Dolomitic Limestone	55	5	3	10	26	1
2630	Herbert Bryant's Son, Alexandria, Va.	Pulverized Oyster Shell Lime	30	11	3	12	31	13
2727	Herbert Bryant's Son, Alexandria, Va.	Pulverized Oyster Shell Lime	35	10	3	12	27	13
2716	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Pulverized Limestone	74	10	3	9	4	0
2638	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Pulverized Limestone	70	12	2	11	5	0
2709	Standard Lime & Stone Co., Baltimore, Md.	Pulverized Limestone	100	0	0	0	0	0
2684	Standard Lime & Stone Co., Baltimore, Md.	Pulverized Limestone	100	0	0	0	0	0
2725	Universal Gypsum & Lime Co., Chicago, Ill.	Challenge Br. Limestone Flour	100	0	0	0	0	0